

Mouse Packet Assembler

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 HEXPCK = \$F817
 HEXPNT = \$F81A
 POLLKB = \$F81D

DBASIC Routines

Unit

Filename

Filename extension (1)

Filename extension (2)

Filename extension (3)

Write Buffer Pointer

Read Buffer Pointer

			ORG	\$C0000
C000	D8	1	CLD	
C001	A90D	2	LDA	#\$000D
C003	8D7D05	3	STA	L057D
C006	8DA801	4	STA	L01A8
C009	A920	5	LDA	#\$0020
C00B	A204	6	LDX	#\$0004
C00D	9D9B01	7	LC00D: STA	L019B,X
C010	CA	8	DEX	
C011	D0FA	9	BNE	LC00D
C013	86EE	10	STX	L00EE
C015	86EF	11	STX	L00EF
C017	869D	12	STX	L009D
C019	86F2	13	STX	L00F2
C01B	BDCBC0	14	LC01B: LDA	LC0CB,X
C01E	BCEAC0	15	LDY	LC0EA,X
C021	990004	16	STA	L0400,Y
C024	E8	17	INX	
C025	E020	18	CPX	#\$0020
C027	D0F2	19	BNE	LC01B

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C029	A90C	20		LDA	#\$000C	
C02B	20B7D2	21		JSR	LD2B7	
C02E	A900	22		LDA	#\$0000	
C030	859A	23		STA	L009A	
C032	A006	24		LDY	#\$0006	
C034	A50B	25		LDA	L000B	
C036	1004	26		BPL	LC03C	
C038	A240	27		LDX	#\$0040	
C03A	A00C	28		LDY	#\$000C	
C03C	869B	29	LC03C:	STX	L009B	
C03E	849C	30		STY	L009C	
C040	A9A2	31		LDA	#\$00A2	
C042	A2C0	32		LDX	#\$00C0	
C044	2003C6	33		JSR	LC603	
C047	A000	34		LDY	#\$0000	
C049	B10A	35		LDA	(L000A),Y	
C04B	C959	36		CMP	#\$0059	Y?
C04D	D016	37		BNE	LC065	
Clean Start						
C04F	AD0FD5	38		LDA	LD50F	
C052	85F6	39		STA	L00F6	
C054	855A	40		STA	L005A	
C056	AD10D5	41		LDA	LD510	
C059	85F7	42		STA	L00F7	
C05B	855B	43		STA	L005B	
C05D	A900	44		LDA	#\$0000	
C05F	8558	45		STA	L0058	
C061	8559	46		STA	L0059	
C063	85F8	47		STA	L00F8	
C065	A2FF	48	LC065:	LDX	#\$00FF	
C067	9A	49		TXS		
C068	E8	50		INX		
C069	8600	51		STX	L0000	
C06B	AD8904	52	LC06B:	LDA	L0489	
C06E	38	53		SEC		
C06F	E55A	54		SBC	L005A	
C071	85FB	55		STA	L00FB	
C073	AD8A04	56		LDA	L048A	
C076	E55B	57		SBC	L005B	
C078	85FC	58		STA	L00FC	
C07A	200CF8	59	LC07A:	JSR	OUTPCR	Scroll Screen
C07D	A93E	60		LDA	#\$003E	
C07F	20B7D2	61		JSR	LD2B7	Output Char
C082	202BC1	62		JSR	LC12B	
C085	A008	63		LDY	#\$0008	
C087	D9B0C0	64	LC087:	CMP	LC0B0,Y	Check if /LDARW#MO
C08A	F00A	65		BEQ	LC096	
C08C	88	66		DEY		
C08D	10F8	67		BPL	LC087	
C08F	A93F	68	LC08F:	LDA	#\$003F	?
C091	20B7D2	69		JSR	LD2B7	Output Char
C094	D0E4	70		BNE	LC07A	

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C096	98	71	LC096:	TYA		Match found
C097	0A	72		ASL	A	
C098	A8	73		TAY		
C099	B9BAC0	74		LDA	LC0BA,Y	Look up Jump address
C09C	48	75		PHA		
C09D	B9B9C0	76		LDA	LC0B9,Y	
C0A0	48	77		PHA		
C0A1	60	78		RTS		
C0A2	43	79		DEFB	\$43	Cold start?
C0A3	6F	80		DEFB	\$6F	
C0A4	6C6420	81		DEFB	\$6C,\$64,\$20	
C0A7	73	82		DEFB	\$73	
C0A8	74	83		DEFB	\$74	
C0A9	6172	84		DEFB	\$61,\$72	
C0AB	74	85		DEFB	\$74	
C0AC	3F0D	86		DEFB	\$3F,\$0D	
C0AE	309F	87	LC0AE:	DEFB	\$30,\$9F	
C0B0	2F	88	LC0B0:	DEFB	\$2F	/LDARW#MO
C0B1	4C4441	89		DEFB	\$4C,\$44,\$41	
C0B4	52	90		DEFB	\$52	
C0B5	57	91		DEFB	\$57	
C0B6	23	92		DEFB	\$23	
C0B7	4D4F	93		DEFB	\$4D,\$4F	
C0B9	08	94	LC0B9:	DEFB	\$08	
C0BA	C1	94	LC0BA:	DEFB	\$C1	
C0BB	25C4A7	95		DEFB	\$25,\$C4,\$A7	
C0BE	C3	96		DEFB	\$C3	
C0BF	B5C2	97		DEFB	\$B5,\$C2	
C0C1	18	98		DEFB	\$18	
C0C2	C680	99		DEFB	\$C6,\$80	
C0C4	C50B	100		DEFB	\$C5,\$0B	
C0C6	CC84C4	101		DEFB	\$CC,\$84,\$C4	
C0C9	7EDD	102		DEFB	\$7E,\$DD	
C0CB	FFFF	103	LC0CB:	DEFB	\$FF,\$FF	
C0CD	9F	104		DEFB	\$9F	
C0CE	204C45	105		DEFB	\$20,\$4C,\$45	LEFT
C0D1	4654	106		DEFB	\$46,\$54	
C0D3	202020	107		DEFB	\$20,\$20,\$20	
C0D6	454F	108		DEFB	\$45,\$4F	EOB
C0D8	42	109		DEFB	\$42	
C0D9	203D20	110		DEFB	\$20,\$3D,\$20	
C0DC	200DFF	111		DEFB	\$20,\$0D,\$FF	
C0DF	1500	112		DEFB	\$15,\$00	
C0E1	4147	113		DEFB	\$41,\$47	AGE
C0E3	4520	114		DEFB	\$45,\$20	
C0E5	202020	115		DEFB	\$20,\$20,\$20	
C0E8	2020	116		DEFB	\$20,\$20	
C0EA	0189	117	LC0EA:	DEFB	\$01,\$89	
C0EC	8A	118		DEFB	\$8A	
C0ED	9A	119		DEFB	\$9A	
C0EE	9B	120		DEFB	\$9B	
C0EF	9C	121		DEFB	\$9C	
C0F0	9D9E9F	122		DEFB	\$9D,\$9E,\$9F	

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C0F3	A0A1	123		DEFB	\$A0,\$A1	
C0F5	A2A3	124		DEFB	\$A2,\$A3	
C0F7	A4A5	125		DEFB	\$A4,\$A5	
C0F9	A6A7	126		DEFB	\$A6,\$A7	
C0FB	ACADBE	127		DEFB	\$AC,\$AD,\$BE	
C0FE	C1C7	128		DEFB	\$C1,\$C7	
C100	C8	129		DEFB	\$C8	
C101	C9CA	130		DEFB	\$C9,\$CA	
C103	CB	131		DEFB	\$CB	
C104	CF	132		DEFB	\$CF	
C105	D0D1	133		DEFB	\$D0,\$D1	
C107	D2	134		DEFB	\$D2	
C108	D3	135		DEFB	\$D3	
/ COMMAND						
C109	202BC1	136		JSR	LC12B	
C10C	30A0	137		BMI	LC0AE	jump to C04F
C10E	4C8FC0	138		JMP	LC08F	output ?
Output Text Message (A & X)						
C111	8554	139	LC111:	STA	L0054	
C113	8655	140		STX	L0055	
C115	84F1	141		STY	L00F1	preserve Y
C117	200CF8	142		JSR	OUTPCR	Scroll Screen
C11A	A000	143		LDY	#\$0000	
C11C	B154	144	LC11C:	LDA	(L0054),Y	
C11E	C90D	145		CMP	#\$000D	
C120	F006	146		BEQ	LC128	
C122	20B7D2	147		JSR	LD2B7	output char
C125	C8	148		INY		
C126	D0F4	149		BNE	LC11C	
C128	A4F1	150	LC128:	LDY	L00F1	Retreive Y
C12A	60	151		RTS		
Get Char and set PSW						
C12B	84F4	152	LC12B:	STY	L00F4	
C12D	20BFD2	153		JSR	LD2BF	Get char, output on screen, A=char
C130	85F5	154		STA	L00F5	
C132	A000	155		LDY	#\$0000	
C134	C930	156		CMP	#\$0030	
C136	9007	157		BCC	LC13F	
C138	C93A	158		CMP	#\$003A	
C13A	B003	159		BCS	LC13F	
C13C	C8	160		INY		
C13D	D012	161		BNE	LC151	
C13F	C920	162	LC13F:	CMP	#\$0020	
C141	D002	163		BNE	LC145	
C143	A002	164		LDY	#\$0002	
C145	C92E	165	LC145:	CMP	#\$002E	.?
C147	D002	166		BNE	LC14B	
C149	A080	167		LDY	#\$0080	
C14B	C90D	168	LC14B:	CMP	#\$000D	CR?
C14D	D002	169		BNE	LC151	
C14F	A040	170		LDY	#\$0040	
C151	98	171	LC151:	TYA		
C152	48	172		PHA		
C153	A5F5	173		LDA	L00F5	

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C155	A4F4	174		LDY	L00F4	
C157	28	175		PLP		
C158	60	176		RTS		
CONVERT CHAR TO HEX NUMBER						
C159	202BC1	177	LC159:	JSR	LC12B	get char & PSW
C15C	8	178		PHP		save PSW on stack
C15D	B00B	179		BCS	LC16A	if number
C15F	C941	180		CMP	#\$0041	A?
C161	900C	181		BCC	LC16F	
C163	C947	182		CMP	#\$0047	G?
C165	B008	183		BCS	LC16F	
C167	38	184		SEC		
C168	E907	185		SBC	#\$0007	
C16A	290F	186	LC16A:	AND	#\$000F	
C16C	28	187		PLP		pull PSW from stack
C16D	38	188		SEC		set C
C16E	60	189		RTS		
char is a number						
C16F	28	190	LC16F:	PLP		
C170	18	191		CLC		clear C
C171	60	192		RTS		
number in COMMAND						
C172	A900	193	LC172:	LDA	#\$0000	
C174	855C	194		STA	L005C	
C176	855D	195		STA	L005D	
C178	855E	196		STA	L005E	
C17A	202BC1	197	LC17A:	JSR	LC12B	get char and PSW
C17D	B020	198		BCS	LC19F	if number
C17F	8	199		PHP		
C180	3055	200		BMI	LC1D7	if . TIDY AND RETURN
C182	F053	201		BEQ	LC1D7	if SPC TIDY AND RETURN
C184	C946	202		CMP	#\$0046	F?
C186	D014	203		BNE	LC19C	if not, Output ?
C188	68	204		PLA		
C189	202BC1	205		JSR	LC12B	get char and PSW
C18C	100E	206		BPL	LC19C	if not . Output ?
C18E	8	207		PHP		
C18F	855E	208		STA	L005E	
C191	A558	209		LDA	L0058	
C193	855C	210		STA	L005C	
C195	A559	211		LDA	L0059	
C197	855D	212		STA	L005D	
C199	4CD7C1	213		JMP	LC1D7	TIDY AND RETURN
C19C	4C8FC0	214	LC19C:	JMP	LC08F	output ?
C19F	290F	215	LC19F:	AND	#\$000F	
C1A1	48	216		PHA		
C1A2	065C	217		ASL	L005C	
C1A4	265D	218		ROL	L005D	
C1A6	B0F4	219		BCS	LC19C	output ?
C1A8	A55D	220		LDA	L005D	
C1AA	48	221		PHA		
C1AB	A55C	222		LDA	L005C	
C1AD	065C	223		ASL	L005C	

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C1AF	265D	224		ROL	L005D	
C1B1	B0E9	225		BCS	LC19C	output ?
C1B3	065C	226		ASL	L005C	
C1B5	265D	227		ROL	L005D	
C1B7	B0E3	228		BCS	LC19C	output ?
C1B9	18	229		CLC		
C1BA	655C	230		ADC	L005C	
C1BC	855C	231		STA	L005C	
C1BE	68	232		PLA		
C1BF	655D	233		ADC	L005D	
C1C1	B0D9	234		BCS	LC19C	output ?
C1C3	855D	235		STA	L005D	
C1C5	68	236		PLA		
C1C6	18	237		CLC		
C1C7	655C	238		ADC	L005C	
C1C9	855C	239		STA	L005C	
C1CB	A55D	240		LDA	L005D	
C1CD	6900	241		ADC	#\$0000	
C1CF	B0CB	242		BCS	LC19C	output ?
C1D1	855D	243		STA	L005D	
C1D3	E65E	244		INC	L005E	
C1D5	90A3	245		BCC	LC17A	repeat get char
C1D7	68	246	LC1D7:	PLA		get PSW from stack
C1D8	29FE	247		AND	#\$00FE	
C1DA	A65E	248		LDX	L005E	
C1DC	F002	249		BEQ	LC1E0	
C1DE	901	250		ORA	#\$0001	
C1E0	48	251	LC1E0:	PHA		
C1E1	A55C	252		LDA	L005C	
C1E3	A65D	253		LDX	L005D	
C1E5	28	254		PLP		
C1E6	60	255		RTS		
C1E7	2072C1	256	LC1E7:	JSR	LC172	
C1EA	9015	257		BCC	LC201	
C1EC	8	258		PHP		
C1ED	865E	259		STX	L005E	
C1EF	48	260		PHA		
C1F0	055E	261		ORA	L005E	
C1F2	F05B	262		BEQ	LC24F	
C1F4	68	263		PLA		
C1F5	8571	264		STA	L0071	
C1F7	8672	265		STX	L0072	
C1F9	28	266		PLP		
C1FA	3009	267		BMI	LC205	
C1FC	D051	268		BNE	LC24F	
C1FE	2072C1	269		JSR	LC172	
C201	904C	270	LC201:	BCC	LC24F	
C203	104A	271		BPL	LC24F	
C205	8573	272	LC205:	STA	L0073	
C207	8674	273		STX	L0074	
C209	48	274		PHA		
C20A	8A	275		TXA		

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C20B	49FF	276		EOR	#\$00FF
C20D	AA	277		TAX	
C20E	68	278		PLA	
C20F	49FF	279		EOR	#\$00FF
C211	18	280		CLC	
C212	6571	281		ADC	L0071
C214	857D	282		STA	L007D
C216	8A	283		TXA	
C217	6572	284		ADC	L0072
C219	857E	285		STA	L007E
C21B	1032	286		BPL	LC24F
C21D	A558	287		LDA	L0058
C21F	38	288		SEC	
C220	E573	289		SBC	L0073
C222	A559	290		LDA	L0059
C224	E574	291		SBC	L0074
C226	3027	292		BMI	LC24F
C228	A571	293		LDA	L0071
C22A	A672	294		LDX	L0072
C22C	2061C2	295		JSR	LC261
C22F	8575	296		STA	L0075
C231	8676	297		STX	L0076
C233	A546	298		LDA	L0046
C235	8577	299		STA	L0077
C237	A547	300		LDA	L0047
C239	8578	301		STA	L0078
C23B	A573	302		LDA	L0073
C23D	A674	303		LDX	L0074
C23F	2061C2	304		JSR	LC261
C242	8579	305		STA	L0079
C244	867A	306		STX	L007A
C246	A546	307		LDA	L0046
C248	857B	308		STA	L007B
C24A	A547	309		LDA	L0047
C24C	857C	310		STA	L007C
C24E	60	311		RTS	
C24F	4C8FC0	312	LC24F:	JMP	LC08F
C252	48	313	LC252:	PHA	
C253	8A	314		TXA	
C254	49FF	315		EOR	#\$00FF
C256	AA	316		TAX	
C257	68	317		PLA	
C258	18	318		CLC	
C259	49FF	319		EOR	#\$00FF
C25B	6901	320		ADC	#\$0001
C25D	D001	321		BNE	LC260
C25F	E8	322		INX	
C260	60	323	LC260:	RTS	
C261	2052C2	324	LC261:	JSR	LC252
C264	F03A	325		BEQ	LC2A0
C266	8548	326		STA	L0048
C268	8649	327		STX	L0049

Mouse Packet Assembler

C26A	AD0FD5	328		LDA	LD50F	
C26D	8546	329		STA	L0046	
C26F	AD10D5	330		LDA	LD510	
C272	8547	331		STA	L0047	
C274	2099D2	332		JSR	LD299	
C277	F010	333		BEQ	LC289	
C279	A000	334		LDY	#\$0000	
C27B	B146	335	LC27B:	LDA	(L0046),Y	
C27D	2092D2	336		JSR	LD292	
C280	C90D	337		CMP	#\$000D	
C282	D0F7	338		BNE	LC27B	
C284	2099D2	339		JSR	LD299	
C287	D0F2	340		BNE	LC27B	
C289	A546	341	LC289:	LDA	L0046	
C28B	48	342		PHA		
C28C	A547	343		LDA	L0047	
C28E	48	344		PHA		
C28F	A000	345	LC28F:	LDY	#\$0000	
C291	B146	346		LDA	(L0046),Y	
C293	C90D	347		CMP	#\$000D	
C295	F005	348		BEQ	LC29C	
C297	2092D2	349		JSR	LD292	
C29A	D0F3	350		BNE	LC28F	
C29C	68	351	LC29C:	PLA		
C29D	AA	352		TAX		
C29E	68	353		PLA		
C29F	60	354		RTS		
C2A0	AD0FD5	355	LC2A0:	LDA	LD50F	
C2A3	38	356		SEC		
C2A4	E901	357		SBC	#\$0001	
C2A6	8546	358		STA	L0046	
C2A8	AD10D5	359		LDA	LD510	
C2AB	E900	360		SBC	#\$0000	
C2AD	8547	361		STA	L0047	
C2AF	AD0FD5	362		LDA	LD50F	
C2B2	AE10D5	363		LDX	LD510	
C2B5	60	364		RTS		
A COMMAND						
C2B6	A900	365		LDA	#\$0000	
C2B8	8560	366		STA	L0060	
C2BA	2072C1	367		JSR	LC172	
C2BD	106C	368		BPL	LC32B	
C2BF	8571	369		STA	L0071	
C2C1	8672	370		STX	L0072	
C2C3	38	371		SEC		
C2C4	E558	372		SBC	L0058	
C2C6	855E	373		STA	L005E	
C2C8	8A	374		TXA		
C2C9	E559	375		SBC	L0059	
C2CB	3006	376		BMI	LC2D3	
C2CD	055E	377		ORA	L005E	
C2CF	D05A	378		BNE	LC32B	
C2D1	E660	379		INC	L0060	
C2D3	200CF8	380	LC2D3:	JSR	OUTPCR	Scroll screen

Mouse Packet Assembler

C2D6	2028C5	381	LC2D6:	JSR	LC528
C2D9	86F9	382		STX	L00F9
C2DB	A560	383		LDA	L0060
C2DD	F003	384		BEQ	LC2E2
C2DF	4C85C3	385		JMP	LC385
C2E2	E671	386	LC2E2:	INC	L0071
C2E4	D002	387		BNE	LC2E8
C2E6	E672	388		INC	L0072
C2E8	A571	389	LC2E8:	LDA	L0071
C2EA	A672	390		LDX	L0072
C2EC	2061C2	391		JSR	LC261
C2EF	8548	392		STA	L0048
C2F1	8649	393		STX	L0049
C2F3	A55A	394		LDA	L005A
C2F5	A65B	395		LDX	L005B
C2F7	18	396		CLC	
C2F8	69FF	397		ADC	#\$00FF
C2FA	C9FF	398		CMP	#\$00FF
C2FC	D001	399		BNE	LC2FF
C2FE	CA	400		DEX	
C2FF	8546	401	LC2FF:	STA	L0046
C301	8647	402		STX	L0047
C303	18	403		CLC	
C304	65F9	404		ADC	L00F9
C306	9001	405		BCC	LC309
C308	E8	406		INX	
C309	854A	407	LC309:	STA	L004A
C30B	864B	408		STX	L004B
C30D	A548	409		LDA	L0048
C30F	38	410		SEC	
C310	E55A	411		SBC	L005A
C312	854C	412		STA	L004C
C314	A549	413		LDA	L0049
C316	E55B	414		SBC	L005B
C318	854D	415		STA	L004D
C31A	A55A	416		LDA	L005A
C31C	A65B	417		LDX	L005B
C31E	18	418		CLC	
C31F	65F9	419		ADC	L00F9
C321	9001	420		BCC	LC324
C323	E8	421		INX	
C324	EC8A04	422	LC324:	CPX	L048A
C327	9011	423		BCC	LC33A
C329	F003	424		BEQ	LC32E
C32B	4C8FC0	425	LC32B:	JMP	LC08F
C32E	CD8904	426	LC32E:	CMP	L0489
C331	9007	427		BCC	LC33A
C333	A91A	428	LC333:	LDA	#\$001A
C335	A2C4	429		LDX	#\$00C4
C337	4CB8CC	430		JMP	LCCB8
C33A	855A	431	LC33A:	STA	L005A
C33C	865B	432		STX	L005B
C33E	A000	433		LDY	#\$0000
C340	B146	434	LC340:	LDA	(L0046),Y

Mouse Packet Assembler

C342	914A	435		STA	(L004A),Y
C344	C646	436		DEC	L0046
C346	A546	437		LDA	L0046
C348	C9FF	438		CMP	#\$00FF
C34A	D002	439		BNE	LC34E
C34C	C647	440		DEC	L0047
C34E	C64A	441	LC34E:	DEC	L004A
C350	A54A	442		LDA	L004A
C352	C9FF	443		CMP	#\$00FF
C354	D002	444		BNE	LC358
C356	C64B	445		DEC	L004B
C358	E64C	446	LC358:	INC	L004C
C35A	D002	447		BNE	LC35E
C35C	E64D	448		INC	L004D
C35E	D0E0	449	LC35E:	BNE	LC340
C360	A99E	450	LC360:	LDA	#\$009E
C362	854C	451		STA	L004C
C364	A900	452		LDA	#\$0000
C366	854D	453		STA	L004D
C368	A6F9	454		LDX	L00F9
C36A	A000	455		LDY	#\$0000
C36C	B14C	456	LC36C:	LDA	(L004C),Y
C36E	9148	457		STA	(L0048),Y
C370	E64C	458		INC	L004C
C372	D002	459		BNE	LC376
C374	E64D	460		INC	L004D
C376	2099D2	461	LC376:	JSR	LD299
C379	CA	462		DEX	
C37A	D0F0	463		BNE	LC36C
C37C	E658	464		INC	L0058
C37E	D002	465		BNE	LC382
C380	E659	466		INC	L0059
C382	4CD6C2	467	LC382:	JMP	LC2D6
C385	A55A	468	LC385:	LDA	L005A
C387	A65B	469		LDX	L005B
C389	8548	470		STA	L0048
C38B	8649	471		STX	L0049
C38D	18	472		CLC	
C38E	65F9	473		ADC	L00F9
C390	9001	474		BCC	LC393
C392	E8	475		INX	
C393	EC8A04	476	LC393:	CPX	L048A
C396	900A	477		BCC	LC3A2
C398	F003	478		BEQ	LC39D
C39A	4C33C3	479	LC39A:	JMP	LC333
C39D	CD8904	480	LC39D:	CMP	L0489
C3A0	B0F8	481		BCS	LC39A
C3A2	855A	482	LC3A2:	STA	L005A
C3A4	865B	483		STX	L005B
C3A6	90B8	484		BCC	LC360
D COMMAND					
C3A8	20E7C1	485		JSR	LC1E7
C3AB	A575	486		LDA	L0075
C3AD	8546	487		STA	L0046

Mouse Packet Assembler

C3AF	A576	488	LDA	L0076
C3B1	8547	489	STA	L0047
C3B3	A57B	490	LDA	L007B
C3B5	8548	491	STA	L0048
C3B7	A57C	492	LDA	L007C
C3B9	8549	493	STA	L0049
C3BB	2099D2	494	JSR	LD299
C3BE	A548	495	LDA	L0048
C3C0	38	496	SEC	
C3C1	E55A	497	SBC	L005A
C3C3	854A	498	STA	L004A
C3C5	A549	499	LDA	L0049
C3C7	E55B	500	SBC	L005B
C3C9	854B	501	STA	L004B
C3CB	054A	502	ORA	L004A
C3CD	85F9	503	STA	L00F9
C3CF	A546	504	LDA	L0046
C3D1	38	505	SEC	
C3D2	E548	506	SBC	L0048
C3D4	AA	507	TAX	
C3D5	A547	508	LDA	L0047
C3D7	E549	509	SBC	L0049
C3D9	48	510	PHA	
C3DA	8A	511	TXA	
C3DB	18	512	CLC	
C3DC	655A	513	ADC	L005A
C3DE	855A	514	STA	L005A
C3E0	68	515	PLA	
C3E1	655B	516	ADC	L005B
C3E3	855B	517	STA	L005B
C3E5	A573	518	LDA	L0073
C3E7	49FF	519	EOR	#\$00FF
C3E9	18	520	CLC	
C3EA	6571	521	ADC	L0071
C3EC	AA	522	TAX	
C3ED	A574	523	LDA	L0074
C3EF	49FF	524	EOR	#\$00FF
C3F1	6572	525	ADC	L0072
C3F3	48	526	PHA	
C3F4	8A	527	TXA	
C3F5	18	528	CLC	
C3F6	6558	529	ADC	L0058
C3F8	8558	530	STA	L0058
C3FA	68	531	PLA	
C3FB	6559	532	ADC	L0059
C3FD	8559	533	STA	L0059
C3FF	A5F9	534	LDA	L00F9
C401	F014	535	BEQ	LC417
C403	A000	536	LDY	#\$0000
C405	B148	537	LC405: LDA	(L0048),Y
C407	9146	538	STA	(L0046),Y
C409	2092D2	539	JSR	LD292
C40C	2099D2	540	JSR	LD299
C40F	E64A	541	INC	L004A

Mouse Packet Assembler

C411	D002	542		BNE	LC415
C413	E64B	543		INC	L004B
C415	D0EE	544	LC415:	BNE	LC405
C417	4C6BC0	545	LC417:	JMP	LC06B
C41A	42	546		DEFB	\$42
C41B	7566	547		DEFB	\$75,\$66
C41D	6665	548		DEFB	\$66,\$65
C41F	72	549		DEFB	\$72
C420	206675	550		DEFB	\$20,\$66,\$75
C423	6C6C0D	551		DEFB	\$6C,\$6C,\$0D

L COMMAND

C426	A208	552		LDX	#\$0008
C428	A50B	553		LDA	L000B
C42A	1002	554		BPL	LC42E
C42C	A20C	555		LDX	#\$000C
C42E	8EBB04	556	LC42E:	STX	L04BB
C431	20E7C1	557		JSR	LC1E7
C434	A575	558		LDA	L0075
C436	854E	559		STA	L004E
C438	A576	560		LDA	L0076
C43A	854F	561		STA	L004F
C43C	201EC7	562	LC43C:	JSR	LC71E
C43F	A910	563		LDA	#\$0010
C441	854A	564		STA	L004A
C443	A905	565		LDA	#\$0005
C445	854B	566		STA	L004B
C447	A571	567		LDA	L0071
C449	A672	568		LDX	L0072
C44B	E671	569		INC	L0071
C44D	D002	570		BNE	LC451
C44F	E672	571		INC	L0072
C451	20E8C4	572	LC451:	JSR	LC4E8
C454	A911	573		LDA	#\$0011
C456	A205	574		LDX	#\$0005
C458	2011C1	575		JSR	LC111
C45B	A500	576		LDA	L0000
C45D	D005	577		BNE	LC464
C45F	CEBB04	578		DEC	L04BB
C462	F010	579		BEQ	LC474
C464	20C9D2	580	LC464:	JSR	LD2C9
C467	B008	581	LC467:	BCS	LC471
C469	E67D	582		INC	L007D
C46B	D002	583		BNE	LC46F
C46D	E67E	584		INC	L007E
C46F	D0CB	585	LC46F:	BNE	LC43C
C471	4C65C0	586	LC471:	JMP	LC065
C474	A208	587	LC474:	LDX	#\$0008
C476	A50B	588		LDA	L000B
C478	1002	589		BPL	LC47C
C47A	A20C	590		LDX	#\$000C
C47C	8EBB04	591	LC47C:	STX	L04BB
C47F	20D1D2	592		JSR	LD2D1
C482	4C67C4	593		JMP	LC467

M COMMAND

Mouse Packet Assembler

C485	202BC1	594		JSR	LC12B	Get char and set PSW
C488	1039	595		BPL	LC4C3	not .
C48A	A995	596		LDA	#\$0095	
C48C	854A	597		STA	L004A	
C48E	A904	598		LDA	#\$0004	
C490	854B	599		STA	L004B	
C492	A5FB	600		LDA	L00FB	
C494	A6FC	601		LDX	L00FC	
C496	20E8C4	602		JSR	LC4E8	
C499	A9A8	603		LDA	#\$00A8	
C49B	854A	604		STA	L004A	
C49D	A904	605		LDA	#\$0004	
C49F	854B	606		STA	L004B	
C4A1	AD8A04	607		LDA	L048A	
C4A4	20A8C6	608		JSR	LC6A8	
C4A7	AD8904	609		LDA	L0489	
C4AA	20A8C6	610		JSR	LC6A8	
C4AD	A995	611		LDA	#\$0095	
C4AF	A204	612		LDX	#\$0004	
C4B1	2011C1	613		JSR	LC111	
C4B4	A900	614		LDA	#\$0000	
C4B6	8546	615		STA	L0046	
C4B8	8547	616		STA	L0047	
C4BA	855C	617		STA	L005C	
C4BC	2059C1	618	LC4BC:	JSR	LC159	print message
C4BF	3016	619		BMI	LC4D7	
C4C1	B003	620		BCS	LC4C6	
C4C3	4C8FC0	621	LC4C3:	JMP	LC08F	print ?
C4C6	A204	622	LC4C6:	LDX	#\$0004	
C4C8	646	623	LC4C8:	ASL	L0046	
C4CA	2647	624		ROL	L0047	
C4CC	CA	625		DEX		
C4CD	D0F9	626		BNE	LC4C8	
C4CF	546	627		ORA	L0046	
C4D1	8546	628		STA	L0046	
C4D3	E65C	629		INC	L005C	
C4D5	D0E5	630		BNE	LC4BC	
C4D7	A55C	631	LC4D7:	LDA	L005C	
C4D9	F096	632		BEQ	LC471	
C4DB	A546	633		LDA	L0046	
C4DD	8D8904	634		STA	L0489	
C4E0	A547	635		LDA	L0047	
C4E2	8D8A04	636		STA	L048A	
C4E5	4C6BC0	637		JMP	LC06B	
C4E8	855C	638	LC4E8:	STA	L005C	
C4EA	865D	639		STX	L005D	
C4EC	A930	640		LDA	#\$0030	
C4EE	A005	641		LDY	#\$0005	
C4F0	84F1	642		STY	L00F1	
C4F2	88	643		DEY		
C4F3	914A	644	LC4F3:	STA	(L004A),Y	
C4F5	88	645		DEY		
C4F6	10FB	646		BPL	LC4F3	

Mouse Packet Assembler

C4F8	A000	647	LC4F8:	LDY	#\$0000
C4FA	A200	648		LDX	#\$0000
C4FC	A55C	649		LDA	L005C
C4FE	C90A	650	LC4FE:	CMP	#\$000A
C500	B01D	651		BCS	LC51F
C502	48	652		PHA	
C503	A55D	653		LDA	L005D
C505	D015	654		BNE	LC51C
C507	68	655		PLA	
C508	930	656		ORA	#\$0030
C50A	C6F1	657		DEC	L00F1
C50C	845C	658		STY	L005C
C50E	865D	659		STX	L005D
C510	A4F1	660		LDY	L00F1
C512	914A	661		STA	(L004A),Y
C514	8A	662		TXA	
C515	D0E1	663		BNE	LC4F8
C517	A55C	664		LDA	L005C
C519	D0DD	665		BNE	LC4F8
C51B	60	666		RTS	
C51C	C65D	667	LC51C:	DEC	L005D
C51E	68	668		PLA	
C51F	38	669	LC51F:	SEC	
C520	E90A	670		SBC	#\$000A
C522	C8	671		INY	
C523	D0D9	672		BNE	LC4FE
C525	E8	673		INX	
C526	D0D6	674		BNE	LC4FE
C528	A200	675	LC528:	LDX	#\$0000
C52A	202BC1	676	LC52A:	JSR	LC12B
C52D	7021	677		BVS	LC550
C52F	C92E	678		CMP	#\$002E
C531	D004	679		BNE	LC537
C533	E000	680		CPX	#\$0000
C535	F047	681		BEQ	LC57E
C537	C97F	682	LC537:	CMP	#\$007F
C539	D009	683		BNE	LC544
C53B	8DAE04	684		STA	L04AE
C53E	CA	685		DEX	
C53F	10000000000	686		BPL	LC52A
C541	E8	687		INX	
C542	10000000	688		BPL	LC52A
C544	E04F	689	LC544:	CPX	#\$004F
C546	B01F	690		BCS	LC567
C548	959E	691		STA	L009E,X
C54A	8DAE04	692		STA	L04AE
C54D	E8	693		INX	
C54E	D0DA	694		BNE	LC52A
C550	959E	695	LC550:	STA	L009E,X
C552	ADAE04	696		LDA	L04AE
C555	C97F	697		CMP	#\$007F
C557	F0CF	698		BEQ	LC528
C559	E8	699		INX	
C55A	A59E	700		LDA	L009E

Mouse Packet Assembler

C55C	C92E	701		CMP	#\$002E
C55E	F01E	702		BEQ	LC57E
C560	A5F5	703		LDA	L00F5
C562	E000	704		CPX	#\$0000
C564	F0C4	705		BEQ	LC52A
C566	60	706		RTS	
C567	A96E	707	LC567:	LDA	#\$006E
C569	A2C5	708		LDX	#\$00C5
C56B	4CB8CC	709		JMP	LCCB8
C56E	4C696E	710		DEFB	\$4C,\$69,\$6E
C571	6520	711		DEFB	\$65,\$20
C573	3E2038	712		DEFB	\$3E,\$20,\$38
C576	3020	713		DEFB	\$30,\$20
C578	63	714		DEFB	\$63
C579	68	715		DEFB	\$68
C57A	6172	716		DEFB	\$61,\$72
C57C	730D	717		DEFB	\$73,\$0D
C57E	4C6BC0	718	LC57E:	JMP	LC06B
W COMMAND					
C581	20E7C1	719		JSR	LC1E7
C584	20CCC5	721		JSR	LC5CC
C587	200CA8	722		JSR	LA80C
C58A	A200	725	LC58A:	LDX	#\$0000
C58C	86F1	726		STX	L00F1
C58E	A000	727		LDY	#\$0000
C590	C0FF	728	LC590:	CPY	#\$00FF
C592	F01C	729		BEQ	LC5B0
C594	C8	730		INY	
C595	A175	731		LDA	(L0075,X)
C597	990003	732		STA	L0300,Y
C59A	A575	733		LDA	L0075
C59C	C57B	734		CMP	L007B
C59E	D004	735		BNE	LC5A4
C5A0	A576	736		LDA	L0076
C5A2	C57C	737		CMP	L007C
C5A4	8	738	LC5A4:	PHP	
C5A5	E675	739		INC	L0075
C5A7	D002	740		BNE	LC5AB
C5A9	E676	741		INC	L0076
C5AB	28	742	LC5AB:	PLP	
C5AC	D0E2	743		BNE	LC590
C5AE	E6F1	744		INC	L00F1
C5B0	8C0003	745	LC5B0:	STY	L0300
C5B3	2018A8	746		JSR	LA818
C5B6	A5F1	747		LDA	L00F1
C5B8	F0D0	748		BEQ	LC58A
C5BA	A201	749		LDX	#\$0001
C5BC	8000	750		STX	L0300
C5BF	CA	751		DEX	
C5C0	8E+103	752		STX	L0301
C5C3	2018A8	753		JSR	LA818
C5C6	2012A8	754		JSR	LA812
C5C9	4C65C0	755		JMP	LC065

W COMMAND

get filename

GET FILENAME

Mouse Packet Assembler

C5CC	2006A8	756	LC5CC:	JSR	LA806	store zero in B948/9
C5CF	8D2DB9	757		STA	LB92D	store zero in Unit
C5D2	A253	758		LDX	#\$0053	S
C5D4	8E34B9	759		STX	LB934	
C5D7	CA	760		DEX		R
C5D8	8E35B9	761		STX	LB935	
C5DB	A243	762		LDX	#\$0043	C
C5DD	8E36B9	763		STX	LB936	
C5E0	A99E	764		LDA	#\$009E	
C5E2	A2C6	765		LDX	#\$00C6	
C5E4	2003C6	766		JSR	LC603	PRINT "Filename?"
C5E7	A005	767		LDY	#\$0005	
C5E9	B10A	768	LC5E9:	LDA	(L000A),Y	
C5EB	992EB9	769		STA	LB92E,Y	store first 6 chars of cursor into B22E
C5EE	88	770		DEY		
C5EF	10F8	771		BPL	LC5E9	
C5F1	A202	772		LDX	#\$0002	
C5F3	8EFCBB	773		STX	LBBFC	
C5F6	8EFEBB	774		STX	LBBFE	
C5F9	E8	775		INX		
C5FA	8EFDDB	776		STX	LBBFD	
C5FD	8EFFBB	777		STX	LBBFF	
C600	4C0CF8	778		JMP	OUTPCR	scroll screen
C603	2011C1	779	LC603:	JSR	LC111	Prints message and gets response
C606	A90D	780		LDA	#\$000D	
C608	20B7D2	781	LC608:	JSR	LD2B7	
C60B	58	782		CLI		
C60C	201DF8	783		JSR	POLLKB	
C60F	A501	784		LDA	L0001	
C611	C90D	785		CMP	#\$000D	
C613	D0F3	786		BNE	LC608	
C615	60	787		RTS		
C616	EA	788		NOP		
C617	EA	789		NOP		
C618	EA	790		NOP		
R COMMAND						
C619	A900	791		LDA	#\$0000	
C61B	854C	792		STA	L004C	
C61D	854D	793		STA	L004D	
C61F	A55A	794		LDA	L005A	
C621	8546	795		STA	L0046	
C623	38	796		SEC		
C624	ED8904	797		SBC	L0489	
C627	8548	798		STA	L0048	
C629	A55B	799		LDA	L005B	
C62B	8547	800		STA	L0047	
C62D	ED8A04	801		SBC	L048A	
C630	8549	802		STA	L0049	
C632	202BC1	803		JSR	LC12B	
C635	1064	804		BPL	LC69B	
C637	20CCC5	805		JSR	LC5CC	
C63A	2009A8	806		JSR	LA809	
C63D	2015A8	807	LC63D:	JSR	LA815	

Mouse Packet Assembler

C640	A200	808		LDX	#\$0000	
C642	A000	809		LDY	#\$0000	
C644	C8	810	LC644:	INY		
C645	B90003	811		LDA	L0300,Y	
C648	F02A	812		BEQ	LC674	
C64A	8146	813		STA	(L0046,X)	
C64C	2092D2	814		JSR	LD292	
C64F	C90D	815		CMP	#\$000D	
C651	D00E	816		BNE	LC661	
C653	E64C	817		INC	L004C	
C655	D002	818		BNE	LC659	
C657	E64D	819		INC	L004D	
C659	A546	820	LC659:	LDA	L0046	
C65B	855C	821		STA	L005C	
C65D	A547	822		LDA	L0047	
C65F	855D	823		STA	L005D	
C661	2099D2	824	LC661:	JSR	LD299	
C664	F007	825		BEQ	LC66D	
C666	CC0003	826		CPY	L0300	
C669	D0D9	827		BNE	LC644	
C66B	F0D0	828		BEQ	LC63D	
C66D	A98F	829	LC66D:	LDA	#\$008F	
C66F	A2C6	830		LDX	#\$00C6	
C671	2011C1	831		JSR	LC111	
C674	200FA8	832	LC674:	JSR	LA80F	
C677	A55C	833		LDA	L005C	
C679	855A	834		STA	L005A	
C67B	A55D	835		LDA	L005D	
C67D	855B	836		STA	L005B	
C67F	A558	837		LDA	L0058	
C681	18	838		CLC		
C682	654C	839		ADC	L004C	
C684	8558	840		STA	L0058	
C686	A559	841		LDA	L0059	
C688	654D	842		ADC	L004D	
C68A	8559	843		STA	L0059	
C68C	4C6BC0	844		JMP	LC06B	
C68F	42	845		DEFB	\$42	Buffer full
C690	7566	846		DEFB	\$75,\$66	
C692	6665	847		DEFB	\$66,\$65	
C694	72	848		DEFB	\$72	
C695	206675	849		DEFB	\$20,\$66,\$75	
C698	6C6C0D	850		DEFB	\$6C,\$6C,\$0D	
C69B	4C8FC0	851	LC69B:	JMP	LC08F	
C69E	4669	852		DEFB	\$46,\$69	Filename?
C6A0	6C656E	853		DEFB	\$6C,\$65,\$6E	
C6A3	616D	854		DEFB	\$61,\$6D	
C6A5	653F0D	855		DEFB	\$65,\$3F,\$0D	
C6A8	A200	856	LC6A8:	LDX	#\$0000	
C6AA	48	857		PHA		
C6AB	6A	858		ROR	A	
C6AC	6A	859		ROR	A	
C6AD	6A	860		ROR	A	
C6AE	6A	861		ROR	A	

Mouse Packet Assembler

C6AF	20B3C6	862		JSR	LC6B3
C6B2	68	863		PLA	
C6B3	290F	864	LC6B3:	AND	#\$000F
C6B5	C90A	865		CMP	#\$000A
C6B7	9003	866		BCC	LC6BC
C6B9	18	867		CLC	
C6BA	6907	868		ADC	#\$0007
C6BC	18	869	LC6BC:	CLC	
C6BD	6930	870		ADC	#\$0030
C6BF	814A	871		STA	(L004A,X)
C6C1	E64A	872		INC	L004A
C6C3	D002	873		BNE	LC6C7
C6C5	E64B	874		INC	L004B
C6C7	60	875	LC6C7:	RTS	
C6C8	A000	876	LC6C8:	LDY	#\$0000
C6CA	845C	877		STY	L005C
C6CC	845D	878		STY	L005D
C6CE	8460	879		STY	L0060
C6D0	B14E	880	LC6D0:	LDA	(L004E),Y
C6D2	C90D	881		CMP	#\$000D
C6D4	F03F	882		BEQ	LC715
C6D6	C922	883		CMP	#\$0022
C6D8	D008	884		BNE	LC6E2
C6DA	48	885		PHA	
C6DB	A55C	886		LDA	L005C
C6DD	4940	887		EOR	#\$0040
C6DF	855C	888		STA	L005C
C6E1	68	889		PLA	
C6E2	C920	890	LC6E2:	CMP	#\$0020
C6E4	D004	891		BNE	LC6EA
C6E6	245C	892		BIT	L005C
C6E8	5011	893		BVC	LC6FB
C6EA	C92C	894	LC6EA:	CMP	#\$002C
C6EC	D006	895		BNE	LC6F4
C6EE	245C	896		BIT	L005C
C6F0	7002	897		BVS	LC6F4
C6F2	E65D	898		INC	L005D
C6F4	9150	899	LC6F4:	STA	(L0050),Y
C6F6	C8	900		INY	
C6F7	845E	901		STY	L005E
C6F9	D0D5	902		BNE	LC6D0
C6FB	C8	903	LC6FB:	INY	
C6FC	B14E	904		LDA	(L004E),Y
C6FE	C920	905		CMP	#\$0020
C700	F0F9	906		BEQ	LC6FB
C702	C90D	907		CMP	#\$000D
C704	F00F	908		BEQ	LC715
C706	98	909	LC706:	TYA	
C707	18	910		CLC	
C708	654E	911		ADC	L004E
C70A	854E	912		STA	L004E
C70C	9002	913		BCC	LC710
C70E	E64F	914		INC	L004F
C710	A45E	915	LC710:	LDY	L005E

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C712	A55C	916		LDA	L005C
C714	60	917		RTS	
C715	A55C	918	LC715:	LDA	L005C
C717	980	919		ORA	#\$0080
C719	855C	920		STA	L005C
C71B	C8	921		INY	
C71C	D0E8	922		BNE	LC706
C71E	A07A	923	LC71E:	LDY	#\$007A
C720	A920	924		LDA	#\$0020
C722	990105	925	LC722:	STA	L0501,Y
C725	88	926		DEY	
C726	10FA	927		BPL	LC722
C728	A916	928		LDA	#\$0016
C72A	8550	929		STA	L0050
C72C	A905	930		LDA	#\$0005
C72E	8551	931		STA	L0051
C730	846F	932		STY	L006F
C732	8470	933		STY	L0070
C734	C8	934		INY	
C735	B14E	935		LDA	(L004E),Y
C737	C92A	936		CMP	#\$002A
C739	F060	937		BEQ	LC79B
C73B	20C8C6	938		JSR	LC6C8
C73E	1006	939		BPL	LC746
C740	A90D	940		LDA	#\$000D
C742	8D1C05	941		STA	L051C
C745	60	942		RTS	
C746	A91E	943	LC746:	LDA	#\$001E
C748	8550	944		STA	L0050
C74A	A905	945		LDA	#\$0005
C74C	8551	946		STA	L0051
C74E	20C8C6	947		JSR	LC6C8
C751	20B6C7	948		JSR	LC7B6
C754	245C	949		BIT	L005C
C756	1007	950		BPL	LC75F
C758	A90D	951		LDA	#\$000D
C75A	8D2205	952		STA	L0522
C75D	D054	953		BNE	LC7B3
C75F	B023	954	LC75F:	BCS	LC784
C761	A923	955		LDA	#\$0023
C763	8550	956		STA	L0050
C765	A905	957		LDA	#\$0005
C767	8551	958		STA	L0051
C769	A570	959		LDA	L0070
C76B	D006	960		BNE	LC773
C76D	A56F	961		LDA	L006F
C76F	C903	962		CMP	#\$0003
C771	F026	963		BEQ	LC799
C773	20C8C6	964	LC773:	JSR	LC6C8
C776	8	965		PHP	
C777	A55D	966		LDA	L005D
C779	8560	967		STA	L0060
C77B	28	968		PLP	
C77C	1008	969		BPL	LC786

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C77E	A90D	970		LDA	#\$000D
C780	9150	971		STA	(L0050),Y
C782	D02F	972		BNE	LC7B3
C784	A000	973	LC784:	LDY	#\$0000
C786	98	974	LC786:	TYA	
C787	38	975		SEC	
C788	E909	976		SBC	#\$0009
C78A	1002	977		BPL	LC78E
C78C	A900	978		LDA	#\$0000
C78E	18	979	LC78E:	CLC	
C78F	692D	980		ADC	#\$002D
C791	8550	981		STA	L0050
C793	A905	982		LDA	#\$0005
C795	6900	983		ADC	#\$0000
C797	8551	984		STA	L0051
C799	A000	985	LC799:	LDY	#\$0000
C79B	B14E	986	LC79B:	LDA	(L004E),Y
C79D	9150	987		STA	(L0050),Y
C79F	C8	988		INY	
C7A0	C90D	989		CMP	#\$000D
C7A2	D0F7	990		BNE	LC79B
C7A4	8D5005	991		STA	L0550
C7A7	845E	992		STY	L005E
C7A9	98	993		TYA	
C7AA	18	994		CLC	
C7AB	654E	995		ADC	L004E
C7AD	854E	996		STA	L004E
C7AF	9002	997		BCC	LC7B3
C7B1	E64F	998		INC	L004F
C7B3	A570	999	LC7B3:	LDA	L0070
C7B5	60	1000		RTS	
C7B6	A9FF	1001	LC7B6:	LDA	#\$00FF
C7B8	856F	1002		STA	L006F
C7BA	A9E1	1003		LDA	#\$00E1
C7BC	8552	1004		STA	L0052
C7BE	A9D2	1005		LDA	#\$00D2
C7C0	8553	1006		STA	L0053
C7C2	A25D	1007		LDX	#\$005D
C7C4	A000	1008	LC7C4:	LDY	#\$0000
C7C6	B91E05	1009	LC7C6:	LDA	L051E,Y
C7C9	D152	1010		CMP	(L0052),Y
C7CB	D014	1011		BNE	LC7E1
C7CD	C8	1012		INY	
C7CE	C004	1013		CPY	#\$0004
C7D0	D0F4	1014		BNE	LC7C6
C7D2	B152	1015		LDA	(L0052),Y
C7D4	856F	1016		STA	L006F
C7D6	C8	1017		INY	
C7D7	B152	1018		LDA	(L0052),Y
C7D9	48	1019		PHA	
C7DA	297F	1020		AND	#\$007F
C7DC	8570	1021	LC7DC:	STA	L0070
C7DE	68	1022		PLA	
C7DF	0A	1023		ASL	A

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C7E0	60	1024		RTS	
C7E1	A552	1025	LC7E1:	LDA	L0052
C7E3	18	1026		CLC	
C7E4	6906	1027		ADC	#\$0006
C7E6	8552	1028		STA	L0052
C7E8	9002	1029		BCC	LC7EC
C7EA	E653	1030		INC	L0053
C7EC	CA	1031	LC7EC:	DEX	
C7ED	D0D5	1032		BNE	LC7C4
C7EF	A9FF	1033		LDA	#\$00FF
C7F1	48	1034		PHA	
C7F2	3000000000	1035		BMI	LC7DC
C7F4	A9FF	1036	LC7F4:	LDA	#\$00FF
C7F6	8561	1037		STA	L0061
C7F8	A57F	1038		LDA	L007F
C7FA	8548	1039		STA	L0048
C7FC	49FF	1040		EOR	#\$00FF
C7FE	8587	1041		STA	L0087
C800	A580	1042		LDA	L0080
C802	8549	1043		STA	L0049
C804	49FF	1044		EOR	#\$00FF
C806	8588	1045		STA	L0088
C808	A585	1046		LDA	L0085
C80A	85FD	1047		STA	L00FD
C80C	A586	1048		LDA	L0086
C80E	85FE	1049		STA	L00FE
C810	E687	1050	LC810:	INC	L0087
C812	D002	1051		BNE	LC816
C814	E688	1052		INC	L0088
C816	F022	1053	LC816:	BEQ	LC83A
C818	A000	1054		LDY	#\$0000
C81A	A206	1055		LDX	#\$0006
C81C	B1FD	1056	LC81C:	LDA	(L00FD),Y
C81E	297F	1057		AND	#\$007F
C820	D91605	1058		CMP	L0516,Y
C823	9008	1059		BCC	LC82D
C825	F002	1060		BEQ	LC829
C827	B013	1061		BCS	LC83C
C829	C8	1062	LC829:	INY	
C82A	CA	1063		DEX	
C82B	D0EF	1064		BNE	LC81C
C82D	A5FD	1065	LC82D:	LDA	L00FD
C82F	18	1066		CLC	
C830	6908	1067		ADC	#\$0008
C832	85FD	1068		STA	L00FD
C834	90DA	1069		BCC	LC810
C836	E6FE	1070		INC	L00FE
C838	D0D6	1071		BNE	LC810
C83A	E661	1072	LC83A:	INC	L0061
C83C	A548	1073	LC83C:	LDA	L0048
C83E	0A	1074		ASL	A
C83F	2649	1075		ROL	L0049
C841	0A	1076		ASL	A
C842	2649	1077		ROL	L0049

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C844	0A	1078		ASL	A
C845	2649	1079		ROL	L0049
C847	907	1080		ORA	#\$0007
C849	18	1081		CLC	
C84A	6585	1082		ADC	L0085
C84C	8548	1083		STA	L0048
C84E	A549	1084		LDA	L0049
C850	6586	1085		ADC	L0086
C852	8549	1086		STA	L0049
C854	CD8A04	1087		CMP	L048A
C857	900B	1088		BCC	LC864
C859	F002	1089		BEQ	LC85D
C85B	B053	1090		BCS	LC8B0
C85D	A548	1091	LC85D:	LDA	L0048
C85F	CD8904	1092		CMP	L0489
C862	B04C	1093		BCS	LC8B0
C864	E661	1094	LC864:	INC	L0061
C866	D029	1095		BNE	LC891
C868	A548	1096		LDA	L0048
C86A	38	1097		SEC	
C86B	E908	1098		SBC	#\$0008
C86D	854C	1099		STA	L004C
C86F	A549	1100		LDA	L0049
C871	E900	1101		SBC	#\$0000
C873	854D	1102		STA	L004D
C875	A000	1103		LDY	#\$0000
C877	A208	1104	LC877:	LDX	#\$0008
C879	B14C	1105	LC879:	LDA	(L004C),Y
C87B	9148	1106		STA	(L0048),Y
C87D	88	1107		DEY	
C87E	C0FF	1108		CPY	#\$00FF
C880	D004	1109		BNE	LC886
C882	C64D	1110		DEC	L004D
C884	C649	1111		DEC	L0049
C886	CA	1112	LC886:	DEX	
C887	D0F0	1113		BNE	LC879
C889	E687	1114		INC	L0087
C88B	D002	1115		BNE	LC88F
C88D	E688	1116		INC	L0088
C88F	D0E6	1117	LC88F:	BNE	LC877
C891	A206	1118	LC891:	LDX	#\$0006
C893	A000	1119		LDY	#\$0000
C895	B91605	1120	LC895:	LDA	L0516,Y
C898	980	1121		ORA	#\$0080
C89A	91FD	1122		STA	(L00FD),Y
C89C	C8	1123		INY	
C89D	CA	1124		DEX	
C89E	D0F5	1125		BNE	LC895
C8A0	A55C	1126		LDA	L005C
C8A2	91FD	1127		STA	(L00FD),Y
C8A4	C8	1128		INY	
C8A5	A55D	1129		LDA	L005D
C8A7	91FD	1130		STA	(L00FD),Y
C8A9	E67F	1131		INC	L007F

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C8AB	D002	1132		BNE	LC8AF
C8AD	E680	1133		INC	L0080
C8AF	60	1134	LC8AF:	RTS	
C8B0	A9B7	1135	LC8B0:	LDA	#\$00B7
C8B2	A2C8	1136		LDX	#\$00C8
C8B4	4CB8CC	1137		JMP	LCCB8
C8B7	53	1138		DEFB	\$53
C8B8	796D62	1139		DEFB	\$79,\$6D,\$62
C8BB	6F	1140		DEFB	\$6F
C8BC	6C2074	1141		DEFB	\$6C,\$20,\$74
C8BF	6162	1142		DEFB	\$61,\$62
C8C1	6C6520	1143		DEFB	\$6C,\$65,\$20
C8C4	6F	1144		DEFB	\$6F
C8C5	7665	1145		DEFB	\$76,\$65
C8C7	72	1146		DEFB	\$72
C8C8	666C	1147		DEFB	\$66,\$6C
C8CA	6F	1148		DEFB	\$6F
C8CB	770D	1149		DEFB	\$77,\$0D
C8CD	A57F	1150	LC8CD:	LDA	L007F
C8CF	49FF	1151		EOR	#\$00FF
C8D1	8587	1152		STA	L0087
C8D3	A580	1153		LDA	L0080
C8D5	49FF	1154		EOR	#\$00FF
C8D7	8588	1155		STA	L0088
C8D9	A006	1156		LDY	#\$0006
C8DB	A920	1157		LDA	#\$0020
C8DD	99AF04	1158	LC8DD:	STA	L04AF,Y
C8E0	88	1159		DEY	
C8E1	D0FA	1160		BNE	LC8DD
C8E3	A585	1161		LDA	L0085
C8E5	85FD	1162		STA	L00FD
C8E7	A586	1163		LDA	L0086
C8E9	85FE	1164		STA	L00FE
C8EB	A206	1165		LDX	#\$0006
C8ED	B146	1166	LC8ED:	LDA	(L0046),Y
C8EF	2066C9	1167		JSR	LC966
C8F2	B024	1168		BCS	LC918
C8F4	D003	1169		BNE	LC8F9
C8F6	C8	1170		INY	
C8F7	D0F4	1171		BNE	LC8ED
C8F9	99B004	1172	LC8F9:	STA	L04B0,Y
C8FC	C8	1173		INY	
C8FD	A6F1	1174		LDX	L00F1
C8FF	CA	1175		DEX	
C900	D0EB	1176		BNE	LC8ED
C902	B146	1177		LDA	(L0046),Y
C904	2066C9	1178		JSR	LC966
C907	B00F	1179		BCS	LC918
C909	C8	1180	LC909:	INY	
C90A	B146	1181		LDA	(L0046),Y
C90C	2066C9	1182		JSR	LC966
C90F	90F8	1183		BCC	LC909
C911	845E	1184		STY	L005E
C913	207EC9	1185	LC913:	JSR	LC97E

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C916	18	1186		CLC	
C917	60	1187		RTS	
C918	845E	1188	LC918:	STY	L005E
C91A	E687	1189	LC91A:	INC	L0087
C91C	D002	1190		BNE	LC920
C91E	E688	1191		INC	L0088
C920	F0F1	1192	LC920:	BEQ	LC913
C922	A206	1193		LDX	#\$0006
C924	A000	1194		LDY	#\$0000
C926	8CB604	1195		STY	L04B6
C929	B1FD	1196	LC929:	LDA	(L00FD),Y
C92B	297F	1197		AND	#\$007F
C92D	D9B004	1198		CMP	L04B0,Y
C930	D020	1199		BNE	LC952
C932	B1FD	1200		LDA	(L00FD),Y
C934	2A	1201		ROL	A
C935	2EB604	1202		ROL	L04B6
C938	C8	1203		INY	
C939	CA	1204		DEX	
C93A	D0ED	1205		BNE	LC929
C93C	B1FD	1206		LDA	(L00FD),Y
C93E	855C	1207		STA	L005C
C940	C8	1208		INY	
C941	B1FD	1209		LDA	(L00FD),Y
C943	855D	1210		STA	L005D
C945	207EC9	1211		JSR	LC97E
C948	ADB604	1212		LDA	L04B6
C94B	0A	1213		ASL	A
C94C	0A	1214		ASL	A
C94D	8DB604	1215		STA	L04B6
C950	38	1216		SEC	
C951	60	1217		RTS	
C952	A5FD	1218	LC952:	LDA	L00FD
C954	18	1219		CLC	
C955	6908	1220		ADC	#\$0008
C957	85FD	1221		STA	L00FD
C959	90BF	1222		BCC	LC91A
C95B	E6FE	1223		INC	L00FE
C95D	D0BB	1224		BNE	LC91A
C95F	2A	1225	LC95F:	DEFB	\$2A
C960	2F	1226		DEFB	\$2F
C961	200D2C	1227		DEFB	\$20,\$0D,\$2C
C964	2B2D	1228		DEFB	\$2B,\$2D
C966	86F1	1229	LC966:	STX	L00F1
C968	A206	1230		LDX	#\$0006
C96A	DD5FC9	1231	LC96A:	CMP	LC95F,X
C96D	F009	1232		BEQ	LC978
C96F	CA	1233		DEX	
C970	10F8	1234		BPL	LC96A
C972	C929	1235		CMP	#\$0029
C974	F004	1236		BEQ	LC97A
C976	18	1237		CLC	
C977	60	1238		RTS	
C978	38	1239	LC978:	SEC	

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C979	60	1240		RTS	
C97A	A900	1241	LC97A:	LDA	#\$0000
C97C	18	1242		CLC	
C97D	60	1243		RTS	
C97E	A546	1244	LC97E:	LDA	L0046
C980	18	1245		CLC	
C981	655E	1246		ADC	L005E
C983	8546	1247		STA	L0046
C985	9002	1248		BCC	LC989
C987	E647	1249		INC	L0047
C989	60	1250	LC989:	RTS	
C98A	A000	1251	LC98A:	LDY	#\$0000
C98C	8462	1252		STY	L0062
C98E	8463	1253		STY	L0063
C990	848B	1254		STY	L008B
C992	846E	1255		STY	L006E
C994	88	1256		DEY	
C995	846B	1257		STY	L006B
C997	846A	1258		STY	L006A
C999	A92B	1259		LDA	#\$002B
C99B	856C	1260	LC99B:	STA	L006C
C99D	A000	1261	LC99D:	LDY	#\$0000
C99F	8465	1262		STY	L0065
C9A1	8466	1263		STY	L0066
C9A3	B146	1264		LDA	(L0046),Y
C9A5	D9CDC9	1265	LC9A5:	CMP	LC9CD,Y
C9A8	9008	1266		BCC	LC9B2
C9AA	C8	1267		INY	
C9AB	D9CDC9	1268		CMP	LC9CD,Y
C9AE	B003	1269		BCS	LC9B3
C9B0	9009	1270		BCC	LC9BB
C9B2	C8	1271	LC9B2:	INY	
C9B3	C8	1272	LC9B3:	INY	
C9B4	C018	1273		CPY	#\$0018
C9B6	90ED	1274		BCC	LC9A5
C9B8	4C94CB	1275		JMP	LCB94
C9BB	B9E5C9	1276	LC9BB:	LDA	LC9E5,Y
C9BE	48	1277		PHA	
C9BF	B9E4C9	1278		LDA	LC9E4,Y
C9C2	48	1279		PHA	
C9C3	A000	1280		LDY	#\$0000
C9C5	60	1281		RTS	
C9C6	2092D2	1282		JSR	LD292
C9C9	A56D	1283		LDA	L006D
C9CB	D0CE	1284		BNE	LC99B
C9CD	2B	1285	LC9CD:	DEFB	\$2B
C9CE	2C2D2E	1286		DEFB	\$2C,\$2D,\$2E
C9D1	20212C	1287		DEFB	\$20,\$21,\$2C
C9D4	2D0D0E	1288		DEFB	\$2D,\$0D,\$0E
C9D7	22	1289		DEFB	\$22
C9D8	23	1290		DEFB	\$23
C9D9	3E3F3C	1291		DEFB	\$3E,\$3F,\$3C
C9DC	3D2526	1292		DEFB	\$3D,\$25,\$26
C9DF	2425	1293		DEFB	\$24,\$25

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C9E1	303A	1294		DEFB	\$30,\$3A
C9E3	41	1295		DEFB	\$41
C9E4	5B	1296	LC9E4:	DEFB	\$5B
C9E5	C5C9	1296	LC9E5:	DEFB	\$C5,\$C9
C9E7	C5C9	1297		DEFB	\$C5,\$C9
C9E9	B4CB	1298		DEFB	\$B4,\$CB
C9EB	B4CB	1299		DEFB	\$B4,\$CB
C9ED	B4CB	1300		DEFB	\$B4,\$CB
C9EF	A5CA	1301		DEFB	\$A5,\$CA
C9F1	98	1302		DEFB	\$98
C9F2	CB	1303		DEFB	\$CB
C9F3	ADCB18	1304		DEFB	\$AD,\$CB,\$18
C9F6	CB	1305		DEFB	\$CB
C9F7	65CB	1306		DEFB	\$65,\$CB
C9F9	31CA	1307		DEFB	\$31,\$CA
C9FB	75CB	1308		DEFB	\$75,\$CB
C9FD	A56C	1309	LC9FD:	LDA	L006C
C9FF	E68B	1310		INC	L008B
CA01	C92B	1311		CMP	#\$002B
CA03	F013	1312		BEQ	LCA18
CA05	A566	1313		LDA	L0066
CA07	49FF	1314		EOR	#\$00FF
CA09	8566	1315		STA	L0066
CA0B	A565	1316		LDA	L0065
CA0D	18	1317		CLC	
CA0E	49FF	1318		EOR	#\$00FF
CA10	6901	1319		ADC	#\$0001
CA12	8565	1320		STA	L0065
CA14	D002	1321		BNE	LCA18
CA16	E666	1322		INC	L0066
CA18	A562	1323	LCA18:	LDA	L0062
CA1A	18	1324		CLC	
CA1B	6565	1325		ADC	L0065
CA1D	8562	1326		STA	L0062
CA1F	A563	1327		LDA	L0063
CA21	6566	1328		ADC	L0066
CA23	8563	1329		STA	L0063
CA25	98	1330		TYA	
CA26	18	1331		CLC	
CA27	6546	1332		ADC	L0046
CA29	8546	1333		STA	L0046
CA2B	9002	1334		BCC	LCA2F
CA2D	E647	1335		INC	L0047
CA2F	4C9DC9	1336	LCA2F:	JMP	LC99D
CA32	B146	1337	LCA32:	LDA	(L0046),Y
CA34	C930	1338		CMP	#\$0030
CA36	9039	1339		BCC	LCA71
CA38	C93A	1340		CMP	#\$003A
CA3A	B035	1341		BCS	LCA71
CA3C	290F	1342		AND	#\$000F
CA3E	8564	1343		STA	L0064
CA40	2014CB	1344		JSR	LCB14
CA43	B02F	1345		BCS	LCA74
CA45	A565	1346		LDA	L0065

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CA47	A666	1347		LDX	L0066
CA49	2014CB	1348		JSR	LCB14
CA4C	B026	1349		BCS	LCA74
CA4E	2014CB	1350		JSR	LCB14
CA51	B021	1351		BCS	LCA74
CA53	18	1352		CLC	
CA54	6565	1353		ADC	L0065
CA56	8565	1354		STA	L0065
CA58	8A	1355		TXA	
CA59	6566	1356		ADC	L0066
CA5B	B017	1357		BCS	LCA74
CA5D	8566	1358		STA	L0066
CA5F	A564	1359		LDA	L0064
CA61	18	1360		CLC	
CA62	6565	1361		ADC	L0065
CA64	8565	1362		STA	L0065
CA66	A566	1363		LDA	L0066
CA68	6900	1364		ADC	#\$0000
CA6A	B008	1365		BCS	LCA74
CA6C	8566	1366		STA	L0066
CA6E	C8	1367		INY	
CA6F	D0C1	1368		BNE	LCA32
CA71	4C52CB	1369	LCA71:	JMP	LCB52
CA74	A94C	1370	LCA74:	LDA	#\$004C
CA76	8564	1371	LCA76:	STA	L0064
CA78	A980	1372		LDA	#\$0080
CA7A	856E	1373		STA	L006E
CA7C	B146	1374	LCA7C:	LDA	(L0046),Y
CA7E	C920	1375		CMP	#\$0020
CA80	F013	1376		BEQ	LCA95
CA82	C90D	1377		CMP	#\$000D
CA84	F00F	1378		BEQ	LCA95
CA86	C92C	1379		CMP	#\$002C
CA88	F003	1380		BEQ	LCA8D
CA8A	C8	1381		INY	
CA8B	D0EF	1382		BNE	LCA7C
CA8D	48	1383	LCA8D:	PHA	
CA8E	A904	1384		LDA	#\$0004
CA90	056E	1385		ORA	L006E
CA92	856E	1386		STA	L006E
CA94	68	1387		PLA	
CA95	856D	1388	LCA95:	STA	L006D
CA97	98	1389		TYA	
CA98	18	1390		CLC	
CA99	6546	1391		ADC	L0046
CA9B	8546	1392		STA	L0046
CA9D	9002	1393		BCC	LCAA1
CA9F	E647	1394		INC	L0047
CAA1	A66E	1395	LCAA1:	LDX	L006E
CAA3	4C05CC	1396		JMP	LCC05
CAA6	A58B	1397		LDA	L008B
CAA8	D067	1398		BNE	LCB11
CAAA	A902	1399		LDA	#\$0002
CAAC	856E	1400		STA	L006E

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CAAE	2092D2	1401		JSR	LD292
CAB1	A546	1402		LDA	L0046
CAB3	858C	1403		STA	L008C
CAB5	A547	1404		LDA	L0047
CAB7	858D	1405		STA	L008D
CAB9	B146	1406	LCAB9:	LDA	(L0046),Y
CABB	C922	1407		CMP	#\$0022
CABD	F007	1408		BEQ	LCAC6
CABF	C90D	1409		CMP	#\$000D
CAC1	F01C	1410		BEQ	LCADF
CAC3	C8	1411		INY	
CAC4	D0F3	1412		BNE	LCAB9
CAC6	2092D2	1413	LCAC6:	JSR	LD292
CAC9	B146	1414		LDA	(L0046),Y
CACB	856D	1415		STA	L006D
CACD	C920	1416		CMP	#\$0020
CACF	F00E	1417		BEQ	LCADF
CAD1	C92C	1418		CMP	#\$002C
CAD3	F004	1419		BEQ	LCAD9
CAD5	C90D	1420		CMP	#\$000D
CAD7	D038	1421		BNE	LCB11
CAD9	A56E	1422	LCAD9:	LDA	L006E
CADB	904	1423		ORA	#\$0004
CADD	856E	1424		STA	L006E
CADF	C000	1425	LCADF:	CPY	#\$0000
CAE1	F091	1426		BEQ	LCA74
CAE3	8498	1427		STY	L0098
CAE5	C001	1428		CPY	#\$0001
CAE7	D011	1429		BNE	LCAFA
CAE9	88	1430		DEY	
CAEA	B18C	1431		LDA	(L008C),Y
CAEC	8599	1432		STA	L0099
CAEE	8562	1433		STA	L0062
CAF0	8463	1434		STY	L0063
CAF2	A56E	1435		LDA	L006E
CAF4	910	1436		ORA	#\$0010
CAF6	856E	1437		STA	L006E
CAF8	D00E	1438		BNE	LCB08
CAFA	C002	1439	LCAFA:	CPY	#\$0002
CAFC	D00A	1440		BNE	LCB08
CAFE	88	1441		DEY	
CAFF	B18C	1442		LDA	(L008C),Y
CB01	8562	1443		STA	L0062
CB03	88	1444		DEY	
CB04	B18C	1445		LDA	(L008C),Y
CB06	8563	1446		STA	L0063
CB08	2092D2	1447	LCB08:	JSR	LD292
CB0B	2092D2	1448		JSR	LD292
CB0E	A56E	1449		LDA	L006E
CB10	60	1450		RTS	
CB11	4C94CB	1451	LCB11:	JMP	LCB94
CB14	665	1452	LCB14:	ASL	L0065
CB16	2666	1453		ROL	L0066
CB18	60	1454		RTS	

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CB19	A901	1455		LDA	#\$0001
CB1B	8581	1456		STA	L0081
CB1D	A930	1457		LDA	#\$0030
CB1F	8567	1458		STA	L0067
CB21	A932	1459		LDA	#\$0032
CB23	8568	1460		STA	L0068
CB25	8569	1461	LCB25:	STA	L0069
CB27	2092D2	1462		JSR	LD292
CB2A	B146	1463	LCB2A:	LDA	(L0046),Y
CB2C	C930	1464		CMP	#\$0030
CB2E	9022	1465		BCC	LCB52
CB30	C568	1466		CMP	L0068
CB32	900B	1467		BCC	LCB3F
CB34	C567	1468		CMP	L0067
CB36	901A	1469		BCC	LCB52
CB38	C569	1470		CMP	L0069
CB3A	B016	1471		BCS	LCB52
CB3C	38	1472		SEC	
CB3D	E907	1473		SBC	#\$0007
CB3F	290F	1474	LCB3F:	AND	#\$000F
CB41	A681	1475		LDX	L0081
CB43	2014CB	1476	LCB43:	JSR	LCB14
CB46	B01B	1477		BCS	LCB63
CB48	CA	1478		DEX	
CB49	D0F8	1479		BNE	LCB43
CB4B	565	1480		ORA	L0065
CB4D	8565	1481		STA	L0065
CB4F	C8	1482		INY	
CB50	D0D8	1483		BNE	LCB2A
CB52	856D	1484	LCB52:	STA	L006D
CB54	A566	1485		LDA	L0066
CB56	D007	1486		BNE	LCB5F
CB58	A940	1487		LDA	#\$0040
CB5A	856E	1488	LCB5A:	STA	L006E
CB5C	4CFDC9	1489		JMP	LC9FD
CB5F	A920	1490	LCB5F:	LDA	#\$0020
CB61	D0F7	1491		BNE	LCB5A
CB63	4C74CA	1492	LCB63:	JMP	LCA74
CB66	A904	1493		LDA	#\$0004
CB68	8581	1494		STA	L0081
CB6A	A941	1495		LDA	#\$0041
CB6C	8567	1496		STA	L0067
CB6E	A93A	1497		LDA	#\$003A
CB70	8568	1498		STA	L0068
CB72	A947	1499		LDA	#\$0047
CB74	D0AF	1500		BNE	LCB25
CB76	20CDC8	1501		JSR	LC8CD
CB79	9019	1502		BCC	LCB94
CB7B	1006	1503		BPL	LCB83
CB7D	A56E	1504		LDA	L006E
CB7F	920	1505		ORA	#\$0020
CB81	856E	1506		STA	L006E
CB83	A55C	1507	LCB83:	LDA	L005C
CB85	8565	1508		STA	L0065

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CB87	A55D	1509		LDA	L005D
CB89	8566	1510		STA	L0066
CB8B	A000	1511		LDY	#\$0000
CB8D	B146	1512		LDA	(L0046),Y
CB8F	856D	1513		STA	L006D
CB91	4CFDC9	1514		JMP	LC9FD
CB94	A955	1515	LCB94:	LDA	#\$0055
CB96	4C76CA	1516		JMP	LCA76
CB99	A000	1517		LDY	#\$0000
CB9B	846A	1518		STY	L006A
CB9D	88	1519		DEY	
CB9E	846B	1520	LCB9E:	STY	L006B
CBA0	E68B	1521		INC	L008B
CBA2	2092D2	1522		JSR	LD292
CBA5	A56E	1523		LDA	L006E
CBA7	901	1524		ORA	#\$0001
CBA9	856E	1525		STA	L006E
CBAB	4C9DC9	1526		JMP	LC99D
CBAE	A0FF	1527		LDY	#\$00FF
CBB0	846A	1528		STY	L006A
CBB2	C8	1529		INY	
CBB3	F0E9	1530		BEQ	LCB9E
CBB5	A56A	1531		LDA	L006A
CBB7	256B	1532		AND	L006B
CBB9	D00C	1533		BNE	LCBC7
CBBB	A56B	1534		LDA	L006B
CBBD	F006	1535		BEQ	LCBC5
CBBF	A563	1536		LDA	L0063
CBC1	8562	1537		STA	L0062
CBC3	A900	1538		LDA	#\$0000
CBC5	8563	1539	LCBC5:	STA	L0063
CBC7	A000	1540	LCBC7:	LDY	#\$0000
CBC9	B146	1541		LDA	(L0046),Y
CBCB	856D	1542		STA	L006D
CBCD	A66E	1543		LDX	L006E
CBCF	8A	1544		TXA	
CBD0	3033	1545		BMI	LCC05
CBD2	8A	1546		TXA	
CBD3	6A	1547		ROR	A
CBD4	B008	1548		BCS	LCBDE
CBD6	A563	1549		LDA	L0063
CBD8	F004	1550		BEQ	LCBDE
CBDA	C9FF	1551		CMP	#\$00FF
CBDC	D008	1552		BNE	LCBE6
CBDE	8A	1553	LCBDE:	TXA	
CBDF	910	1554		ORA	#\$0010
CBE1	AA	1555		TAX	
CBE2	A562	1556		LDA	L0062
CBE4	8599	1557		STA	L0099
CBE6	8A	1558	LCBE6:	TXA	
CBE7	2920	1559		AND	#\$0020
CBE9	D010	1560		BNE	LCBFB
CBEB	A563	1561		LDA	L0063
CBED	D006	1562		BNE	LCBF5

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CBEF	8A	1563		TXA		
CBF0	940	1564		ORA	#\$0040	
CBF2	AA	1565		TAX		
CBF3	D006	1566		BNE	LCBFB	
CBF5	8A	1567	LCBF5:	TXA		
CBF6	29BF	1568		AND	#\$00BF	
CBF8	920	1569		ORA	#\$0020	
CBFA	AA	1570		TAX		
CBFB	A56D	1571	LCBFB:	LDA	L006D	
CBFD	C92C	1572		CMP	#\$002C	
CBFF	D004	1573		BNE	LCC05	
CC01	8A	1574		TXA		
CC02	904	1575		ORA	#\$0004	
CC04	AA	1576		TAX		
CC05	2092D2	1577	LCC05:	JSR	LD292	
CC08	866E	1578		STX	L006E	
CC0A	8A	1579		TXA		
CC0B	60	1580		RTS		
# COMMAND						
CC0C	A900	1581		LDA	#\$0000	
CC0E	8584	1582		STA	L0084	
CC10	8589	1583		STA	L0089	
CC12	858A	1584		STA	L008A	
CC14	8571	1585		STA	L0071	
CC16	8572	1586		STA	L0072	
CC18	8573	1587		STA	L0073	
CC1A	8574	1588		STA	L0074	
CC1C	202BC1	1589		JSR	LC12B	get char and PSW
CC1F	C94C	1590		CMP	#\$004C	L?
CC21	F018	1591		BEQ	LCC3B	
CC23	48	1592		PHA		
CC24	202BC1	1593		JSR	LC12B	get char and PSW
CC27	C92E	1594		CMP	#\$002E	.?
CC29	D00D	1595		BNE	LCC38	
CC2B	68	1596		PLA		
CC2C	C945	1597		CMP	#\$0045	E?
CC2E	F03B	1598		BEQ	LCC6B	
CC30	C94F	1599		CMP	#\$004F	O?
CC32	D004	1600		BNE	LCC38	
CC34	858A	1601		STA	L008A	
CC36	F033	1602		BEQ	LCC6B	
CC38	4C8FC0	1603	LCC38:	JMP	LC08F	
#L COMMAND						
CC3B	20E7C1	1604	LCC3B:	JSR	LC1E7	
CC3E	A572	1605		LDA	L0072	
CC40	49FF	1606		EOR	#\$00FF	
CC42	AA	1607		TAX		
CC43	A571	1608		LDA	L0071	
CC45	18	1609		CLC		
CC46	49FF	1610		EOR	#\$00FF	
CC48	6901	1611		ADC	#\$0001	
CC4A	D001	1612		BNE	LCC4D	
CC4C	E8	1613		INX		
CC4D	8571	1614	LCC4D:	STA	L0071	

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CC4F	8672	1615		STX	L0072
CC51	E671	1616		INC	L0071
CC53	D002	1617		BNE	LCC57
CC55	E672	1618		INC	L0072
CC57	D002	1619	LCC57:	BNE	LCC5B
CC59	E689	1620		INC	L0089
CC5B	8571	1621	LCC5B:	STA	L0071
CC5D	8672	1622		STX	L0072
CC5F	A573	1623		LDA	L0073
CC61	49FF	1624		EOR	#\$00FF
CC63	8573	1625		STA	L0073
CC65	A574	1626		LDA	L0074
CC67	49FF	1627		EOR	#\$00FF
CC69	8574	1628		STA	L0074

#E and #O COMMAND

CC6B	A558	1629	LCC6B:	LDA	L0058
CC6D	A659	1630		LDX	L0059
CC6F	D003	1631		BNE	LCC74
CC71	A8	1632		TAY	
CC72	F040	1633		BEQ	LCCB4
CC74	2061C2	1634	LCC74:	JSR	LC261
CC77	854E	1635		STA	L004E
CC79	864F	1636		STX	L004F
CC7B	201EC7	1637		JSR	LC71E
CC7E	D03E	1638		BNE	LCCBE
CC80	A56F	1639		LDA	L006F
CC82	C902	1640		CMP	#\$0002
CC84	D038	1641		BNE	LCCBE
CC86	A55A	1642		LDA	L005A
CC88	8585	1643		STA	L0085
CC8A	A55B	1644		LDA	L005B
CC8C	8586	1645		STA	L0086
CC8E	20A3CC	1646		JSR	LCCA3
CC91	20D6CC	1647		JSR	LCCD6
CC94	20A3CC	1648		JSR	LCCA3
CC97	20A1CE	1649		JSR	LCEA1
CC9A	20A3CC	1650		JSR	LCCA3
CC9D	207FD0	1651		JSR	LD07F
CCA0	4C65C0	1652		JMP	LC065
CCA3	AD0FD5	1653	LCCA3:	LDA	LD50F
CCA6	854E	1654		STA	L004E
CCA8	AD10D5	1655		LDA	LD510
CCAB	854F	1656		STA	L004F
CCAD	A900	1657		LDA	#\$0000
CCAF	858E	1658		STA	L008E
CCB1	858F	1659		STA	L008F
CCB3	60	1660		RTS	
CCB4	A9C4	1661	LCCB4:	LDA	#\$00C4
CCB6	A2CC	1662		LDX	#\$00CC
CCB8	2011C1	1663	LCCB8:	JSR	LC111
CCBB	4C65C0	1664		JMP	LC065
CCBE	A9CF	1665	LCCBE:	LDA	#\$00CF
CCC0	A2CC	1666		LDX	#\$00CC
CCC2	D0F4	1667		BNE	LCCB8

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CCC4	4E6F20	1668		DEFB	\$4E,\$6F,\$20
CCC7	7072	1669		DEFB	\$70,\$72
CCC9	6F	1670		DEFB	\$6F
CCCA	67	1671		DEFB	\$67
CCCB	72	1672		DEFB	\$72
CCCC	616D	1673		DEFB	\$61,\$6D
CCCE	0D4E6F	1674		DEFB	\$0D,\$4E,\$6F
CCD1	20656E	1675		DEFB	\$20,\$65,\$6E
CCD4	64AD	1676		DEFB	\$64,\$AD
CCD6	A900	1677	LCCD6:	LDA	#\$00A9
CCD8	8590	1678		STA	L0090
CCDA	857F	1679		STA	L007F
CCDC	8580	1680		STA	L0080
CCDE	8591	1681		STA	L0091
CCE0	8595	1682		STA	L0095
CCE2	A90D	1683		LDA	#\$000D
CCE4	8DD404	1684		STA	L04D4
CCE7	A900	1685	LCCE7:	LDA	#\$0000
CCE9	8592	1686		STA	L0092
CCEB	2070D2	1687	LCCEB:	JSR	LD270
CCEE	8593	1688		STA	L0093
CCF0	855D	1689		STA	L005D
CCF2	A590	1690		LDA	L0090
CCF4	855C	1691		STA	L005C
CCF6	AD1605	1692		LDA	L0516
CCF9	C92A	1693		CMP	#\$002A
CCFB	FOEE	1694		BEQ	LCCEB
CCFD	A570	1695		LDA	L0070
CCFF	302E	1696		BMI	LCD2F
CD01	D0E4	1697		BNE	LCCE7
CD03	A56F	1698		LDA	L006F
CD05	0A	1699		ASL	A
CD06	AA	1700		TAX	
CD07	BD16CD	1701		LDA	LCD16,X
CD0A	48	1702		PHA	
CD0B	BD15CD	1703		LDA	LCD15,X
CD0E	48	1704		PHA	
CD0F	20A0D2	1705		JSR	LD2A0
CD12	A592	1706		LDA	L0092
CD14	60	1707		RTS	
CD15	50	1708	LCD15:	DEFB	\$50
CD16	CD56CD	1709	LCD16:	DEFB	\$CD,\$56,\$CD
CD19	68	1710		DEFB	\$68
CD1A	CD74CD	1711		DEFB	\$CD,\$74,\$CD
CD1D	7DCD91	1712		DEFB	\$7D,\$CD,\$91
CD20	CD99CD	1713		DEFB	\$CD,\$99,\$CD
CD23	A9CD	1714		DEFB	\$A9,\$CD
CD25	B2	1715		DEFB	\$B2
CD26	CDBACD	1716		DEFB	\$CD,\$BA,\$CD
CD29	D5CD	1717		DEFB	\$D5,\$CD
CD2B	50CD	1718		DEFB	\$50,\$CD
CD2D	DECD	1719		DEFB	\$DE,\$CD
CD2F	A904	1720	LCD2F:	LDA	#\$0004
CD31	8593	1721		STA	L0093

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CD33	A593	1722	LCD33:	LDA	L0093
CD35	18	1723		CLC	
CD36	6590	1724		ADC	L0090
CD38	8590	1725		STA	L0090
CD3A	90AF	1726		BCC	LCCEB
CD3C	A9FF	1727		LDA	#\$00FF
CD3E	8590	1728		STA	L0090
CD40	A901	1729		LDA	#\$0001
CD42	A205	1730		LDX	#\$0005
CD44	2011C1	1731		JSR	LC111
CD47	A9FF	1732		LDA	#\$00FF
CD49	A2CD	1733		LDX	#\$00CD
CD4B	2011C1	1734		JSR	LC111
CD4E	4CEBCC	1735		JMP	LCCEB
CD51	A900	1736		LDA	#\$0000
CD53	8592	1737		STA	L0092
CD55	F00F	1738		BEQ	LCD66
CD57	A901	1739		LDA	#\$0001
CD59	8592	1740		STA	L0092
CD5B	208AC9	1741		JSR	LC98A
CD5E	2940	1742		AND	#\$0040
CD60	F004	1743		BEQ	LCD66
CD62	A562	1744		LDA	L0062
CD64	8590	1745		STA	L0090
CD66	4CEBCC	1746	LCD66:	JMP	LCCEB
CD69	A595	1747		LDA	L0095
CD6B	D001	1748		BNE	LCD6E
CD6D	60	1749		RTS	
CD6E	A983	1750	LCD6E:	LDA	#\$0083
CD70	A2CE	1751		LDX	#\$00CE
CD72	4CB8CC	1752		JMP	LCCB8
CD75	A591	1753		LDA	L0091
CD77	D0ED	1754		BNE	LCD66
CD79	2071CF	1755		JSR	LCF71
CD7C	D0E8	1756		BNE	LCD66
CD7E	F0E6	1757		BEQ	LCD66
CD80	208AC9	1758		JSR	LC98A
CD83	3010	1759		BMI	LCD95
CD85	A562	1760		LDA	L0062
CD87	855C	1761		STA	L005C
CD89	A563	1762		LDA	L0063
CD8B	855D	1763		STA	L005D
CD8D	20E8CD	1764		JSR	LCDE8
CD90	B003	1765		BCS	LCD95
CD92	4CEBCC	1766	LCD92:	JMP	LCCEB
CD95	20A9D2	1767	LCD95:	JSR	LD2A9
CD98	F0CC	1768		BEQ	LCD66
CD9A	F0F6	1769		BEQ	LCD92
CD9C	208AC9	1770		JSR	LC98A
CD9F	30F4	1771		BMI	LCD95
CDA1	A562	1772		LDA	L0062
CDA3	8593	1773	LCDA3:	STA	L0093
CDA5	20E8CD	1774		JSR	LCDE8
CDA8	1029	1775		BPL	LCDD3

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CDA A	FOE6	1776		BEQ	LCD92
CDAC	E660	1777		INC	L0060
CDAE	A560	1778	LCDAE:	LDA	L0060
CDB0	4CA3CD	1779		JMP	LCDA3
CDB3	F0DD	1780		BEQ	LCD92
CDB5	E660	1781		INC	L0060
CDB7	660	1782		ASL	L0060
CDB9	D0F3	1783		BNE	LCDAE
CDBB	F0D5	1784		BEQ	LCD92
CDBD	20E8CD	1785		JSR	LCDE8
CDC0	20A0D2	1786		JSR	LD2A0
CDC3	208AC9	1787		JSR	LC98A
CDC6	1003	1788		BPL	LCDCB
CDC8	4C2FCD	1789	LCDC8:	JMP	LCD2F
CDCB	2902	1790	LCDCB:	AND	#\$0002
CDCD	F0F9	1791		BEQ	LCDC8
CDCF	A598	1792		LDA	L0098
CDD1	8593	1793	LCDD1:	STA	L0093
CDD3	4C33CD	1794	LCDD3:	JMP	LCD33
CDD6	F0BA	1795		BEQ	LCD92
CDD8	20E8CD	1796		JSR	LCDE8
CDDB	A901	1797		LDA	#\$0001
CDDD	D0F2	1798		BNE	LCDD1
CDDF	F0B1	1799		BEQ	LCD92
CDE1	20E8CD	1800		JSR	LCDE8
CDE4	A902	1801		LDA	#\$0002
CDE6	D0E9	1802		BNE	LCDD1
CDE8	2013CE	1803	LCDE8:	JSR	LCE13
CDEB	F00A	1804		BEQ	LCDF7
CDED	9009	1805		BCC	LCDF8
CDEF	A001	1806		LDY	#\$0001
CDF1	B1FD	1807	LCDF1:	LDA	(L00FD),Y
CDF3	297F	1808		AND	#\$007F
CDF5	91FD	1809		STA	(L00FD),Y
CDF7	60	1810	LCDF7:	RTS	
CDF8	20F4C7	1811	LCDF8:	JSR	LC7F4
CDFB	A000	1812		LDY	#\$0000
CDFD	F0F2	1813		BEQ	LCDF1
CDFE	53	1814		DEFB	\$53
CE00	63	1815		DEFB	\$63
CE01	72	1816		DEFB	\$72
CE02	6174	1817		DEFB	\$61,\$74
CE04	63	1818		DEFB	\$63
CE05	68	1819		DEFB	\$68
CE06	7061	1820		DEFB	\$70,\$61
CE08	64	1821		DEFB	\$64
CE09	206F76	1822		DEFB	\$20,\$6F,\$76
CE0C	6572	1823		DEFB	\$65,\$72
CE0E	666C	1824		DEFB	\$66,\$6C
CE10	6F	1825		DEFB	\$6F
CE11	770D	1826		DEFB	\$77,\$0D
CE13	A980	1827	LCE13:	LDA	#\$0080
CE15	8DC604	1828		STA	L04C6
CE18	AD1605	1829		LDA	L0516

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CE1B	C920	1830		CMP	#\$0020	
CE1D	D002	1831		BNE	LCE21	
CE1F	B8	1832		CLV		
CE20	60	1833		RTS		
CE21	C941	1834	LCE21:	CMP	#\$0041	A?
CE23	9031	1835		BCC	LCE56	
CE25	C95B	1836		CMP	#\$005B	
CE27	B02D	1837		BCS	LCE56	
CE29	A200	1838		LDX	#\$0000	
CE2B	BD1705	1839	LCE2B:	LDA	L0517,X	
CE2E	C920	1840		CMP	#\$0020	
CE30	F00F	1841		BEQ	LCE41	
CE32	A006	1842		LDY	#\$0006	
CE34	D95DCE	1843	LCE34:	CMP	LCE5D,Y	
CE37	F01D	1844		BEQ	LCE56	
CE39	88	1845		DEY		
CE3A	10F8	1846		BPL	LCE34	
CE3C	E8	1847		INX		
CE3D	E005	1848		CPX	#\$0005	
CE3F	D0EA	1849		BNE	LCE2B	
CE41	A916	1850	LCE41:	LDA	#\$0016	
CE43	8546	1851		STA	L0046	
CE45	A905	1852		LDA	#\$0005	
CE47	8547	1853		STA	L0047	
CE49	20CDC8	1854		JSR	LC8CD	
CE4C	A001	1855		LDY	#\$0001	
CE4E	B1FD	1856		LDA	(L00FD),Y	
CE50	8DC604	1857		STA	L04C6	
CE53	A901	1858		LDA	#\$0001	
CE55	60	1859		RTS		
CE56	A980	1860	LCE56:	LDA	#\$0080	
CE58	18	1861		CLC		
CE59	6980	1862		ADC	#\$0080	
CE5B	18	1863		CLC		
CE5C	60	1864		RTS		
CE5D	2B	1865	LCE5D:	DEFB	\$2B	
CE5E	2D2A2F	1866		DEFB	\$2D,\$2A,\$2F	
CE61	28	1867		DEFB	\$28	
CE62	292C	1868		DEFB	\$29,\$2C	
CE64	4F	1869		DEFB	\$4F	
CE65	7065	1870		DEFB	\$70,\$65	
CE67	72	1871		DEFB	\$72	
CE68	616E	1872		DEFB	\$61,\$6E	
CE6A	64	1873		DEFB	\$64	
CE6B	206E6F	1874		DEFB	\$20,\$6E,\$6F	
CE6E	74	1875		DEFB	\$74	
CE6F	207072	1876		DEFB	\$20,\$70,\$72	
CE72	6576	1877		DEFB	\$65,\$76	
CE74	696F	1878		DEFB	\$69,\$6F	
CE76	7573	1879		DEFB	\$75,\$73	
CE78	6C7920	1880		DEFB	\$6C,\$79,\$20	
CE7B	64	1881		DEFB	\$64	
CE7C	6566	1882		DEFB	\$65,\$66	
CE7E	696E	1883		DEFB	\$69,\$6E	

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CE80	6564	1884		DEFB	\$65,\$64
CE82	0D5061	1885		DEFB	\$0D,\$50,\$61
CE85	73	1886		DEFB	\$73
CE86	73	1887		DEFB	\$73
CE87	203120	1888		DEFB	\$20,\$31,\$20
CE8A	6572	1889		DEFB	\$65,\$72
CE8C	72	1890		DEFB	\$72
CE8D	6F	1891		DEFB	\$6F
CE8E	72	1892		DEFB	\$72
CE8F	2C2063	1893		DEFB	\$2C,\$20,\$63
CE92	616E	1894		DEFB	\$61,\$6E
CE94	6E6F74	1895		DEFB	\$6E,\$6F,\$74
CE97	20636F	1896		DEFB	\$20,\$63,\$6F
CE9A	6E7469	1897		DEFB	\$6E,\$74,\$69
CE9D	6E7565	1898		DEFB	\$6E,\$75,\$65
CEA0	0D	1899		DEFB	\$0D
CEA1	A900	1899	LCEA1:	LDA	#\$0000
CEA3	8592	1900		STA	L0092
CEA5	8596	1901		STA	L0096
CEA7	A9A0	1902		LDA	#\$00A0
CEA9	8597	1903		STA	L0097
CEAB	2070D2	1904	LCEAB:	JSR	LD270
CEAE	8593	1905		STA	L0093
CEB0	8594	1906		STA	L0094
CEB2	A596	1907		LDA	L0096
CEB4	855C	1908		STA	L005C
CEB6	A597	1909		LDA	L0097
CEB8	855D	1910		STA	L005D
CEBA	AD1605	1911		LDA	L0516
CEBD	C92A	1912		CMP	#\$002A
CEBF	F0EA	1913		BEQ	LCEAB
CEC1	A570	1914		LDA	L0070
CEC3	304E	1915		BMI	LCF13
CEC5	D00D	1916		BNE	LCED4
CEC7	A9DF	1917		LDA	#\$00DF
CEC9	8546	1918		STA	L0046
CECB	A9CE	1919		LDA	#\$00CE
CECD	8547	1920		STA	L0047
CECF	A56F	1921		LDA	L006F
CED1	4C1BD1	1922		JMP	LD11B
CED4	A9F9	1923	LCED4:	LDA	#\$00F9
CED6	8546	1924		STA	L0046
CED8	A9CE	1925		LDA	#\$00CE
CEDA	8547	1926		STA	L0047
CEDC	4C17D1	1927		JMP	LD117
CEDF	2A	1928		DEFB	\$2A
CEE0	CF	1929		DEFB	\$CF
CEE1	40	1930		DEFB	\$40
CEE2	CF	1931		DEFB	\$CF
CEE3	46CF	1932		DEFB	\$46,\$CF
CEE5	52	1933		DEFB	\$52
CEE6	CF	1934		DEFB	\$CF
CEE7	59CF6D	1935		DEFB	\$59,\$CF,\$6D
CEEA	CF	1936		DEFB	\$CF

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CEEB	89	1937		DEFB	\$89
CEEC	CF	1938		DEFB	\$CF
CEED	9B	1939		DEFB	\$9B
CEEE	CF	1940		DEFB	\$CF
CEEF	A6CF	1941		DEFB	\$A6,\$CF
CEF1	AECFC9	1942		DEFB	\$AE,\$CF,\$C9
CEF4	CF	1943		DEFB	\$CF
CEF5	4ECFD2	1944		DEFB	\$4E,\$CF,\$D2
CEF8	CF	1945		DEFB	\$CF
CEF9	EECF1A	1946		DEFB	\$EE,\$CF,\$1A
CEFC	D022	1947		DEFB	\$D0,\$22
CEFE	D02A	1948		DEFB	\$D0,\$2A
CF00	D01A	1949		DEFB	\$D0,\$1A
CF02	D030	1950		DEFB	\$D0,\$30
CF04	D03B	1951		DEFB	\$D0,\$3B
CF06	D03B	1952		DEFB	\$D0,\$3B
CF08	D030	1953		DEFB	\$D0,\$30
CF0A	D030	1954		DEFB	\$D0,\$30
CF0C	D01A	1955		DEFB	\$D0,\$1A
CF0E	D01A	1956		DEFB	\$D0,\$1A
CF10	D041	1957		DEFB	\$D0,\$41
CF12	D0	1958		DEFB	\$D0
CF13	A592	1959	LCF13:	LDA	L0092
CF15	D027	1960		BNE	LCF3E
CF17	A904	1961		LDA	#\$0004
CF19	8593	1962		STA	L0093
CF1B	A593	1963	LCF1B:	LDA	L0093
CF1D	18	1964		CLC	
CF1E	6596	1965		ADC	L0096
CF20	8596	1966		STA	L0096
CF22	A594	1967		LDA	L0094
CF24	6597	1968		ADC	L0097
CF26	8597	1969		STA	L0097
CF28	4CABCE	1970		JMP	LCEAB
CF2B	A900	1971		LDA	#\$0000
CF2D	8592	1972		STA	L0092
CF2F	208AC9	1973		JSR	LC98A
CF32	2960	1974		AND	#\$0060
CF34	F04D	1975		BEQ	LCF83
CF36	A562	1976		LDA	L0062
CF38	8596	1977		STA	L0096
CF3A	A563	1978		LDA	L0063
CF3C	8597	1979		STA	L0097
CF3E	4CABCE	1980	LCF3E:	JMP	LCEAB
CF41	A901	1981		LDA	#\$0001
CF43	8592	1982	LCF43:	STA	L0092
CF45	10F7	1983		BPL	LCF3E
CF47	A595	1984		LDA	L0095
CF49	D001	1985		BNE	LCF4C
CF4B	60	1986		RTS	
CF4C	4C6ECD	1987	LCF4C:	JMP	LCD6E
CF4F	A900	1988		LDA	#\$0000
CF51	F0F0	1989		BEQ	LCF43
CF53	A591	1990		LDA	L0091

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CF55	D0E7	1991		BNE	LCF3E
CF57	2071CF	1992		JSR	LCF71
CF5A	D0E2	1993		BNE	LCF3E
CF5C	208AC9	1994		JSR	LC98A
CF5F	3022	1995		BMI	LCF83
CF61	A562	1996		LDA	L0062
CF63	855C	1997		STA	L005C
CF65	A563	1998		LDA	L0063
CF67	855D	1999		STA	L005D
CF69	20DCCF	2000		JSR	LCFDC
CF6C	B015	2001		BCS	LCF83
CF6E	4CABCE	2002	LCF6E:	JMP	LCEAB
CF71	A229	2003	LCF71:	LDX	#\$0029
CF73	A90D	2004		LDA	#\$000D
CF75	D003	2005		BNE	LCF7A
CF77	BD2305	2006	LCF77:	LDA	L0523,X
CF7A	9DD404	2007	LCF7A:	STA	L04D4,X
CF7D	CA	2008		DEX	
CF7E	10F7	2009		BPL	LCF77
CF80	8691	2010		STX	L0091
CF82	60	2011		RTS	
CF83	20A9D2	2012	LCF83:	JSR	LD2A9
CF86	A901	2013		LDA	#\$0001
CF88	8595	2014		STA	L0095
CF8A	D0E2	2015		BNE	LCF6E
CF8C	208AC9	2016		JSR	LC98A
CF8F	30F2	2017		BMI	LCF83
CF91	A562	2018		LDA	L0062
CF93	8593	2019		STA	L0093
CF95	A563	2020		LDA	L0063
CF97	8594	2021		STA	L0094
CF99	4C15D0	2022		JMP	LD015
CF9C	D0D0	2023		BNE	LCF6E
CF9E	E660	2024		INC	L0060
CFA0	A560	2025	LCFA0:	LDA	L0060
CFA2	8593	2026		STA	L0093
CFA4	4C15D0	2027		JMP	LD015
CFA7	D0C5	2028		BNE	LCF6E
CFA9	E660	2029		INC	L0060
CFAB	660	2030		ASL	L0060
CFAD	D0F1	2031		BNE	LCFA0
CFAF	D0BD	2032		BNE	LCF6E
CFB1	20DCCF	2033		JSR	LCFDC
CFB4	20A0D2	2034		JSR	LD2A0
CFB7	208AC9	2035		JSR	LC98A
CFBA	1003	2036		BPL	LCFBF
CFBC	4C13CF	2037	LCFBC:	JMP	LCF13
CFBF	2902	2038	LCFBF:	AND	#\$0002
CFC1	F0F9	2039		BEQ	LCFBC
CFC3	A598	2040		LDA	L0098
CFC5	8593	2041	LCFC5:	STA	L0093
CFC7	4C1BCF	2042		JMP	LCF1B
CFCA	D0A2	2043	LCFCA:	BNE	LCF6E
CFCC	20DCCF	2044		JSR	LCFDC

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CFCF	A901	2045		LDA	#\$0001
CFD1	D0F2	2046		BNE	LCFC5
CFD3	D0F5	2047	LCFD3:	BNE	LCFCA
CFD5	20DCCF	2048		JSR	LCFDC
CFD8	A902	2049		LDA	#\$0002
CFDA	D0E9	2050		BNE	LCFC5
CFDC	2013CE	2051	LCFDC:	JSR	LCE13
CFDF	F00A	2052		BEQ	LCFEB
CFE1	9009	2053		BCC	LCFEC
CFE3	A001	2054		LDY	#\$0001
CFE5	B1FD	2055		LDA	(L00FD),Y
CFE7	297F	2056		AND	#\$007F
CFE9	91FD	2057		STA	(L00FD),Y
CFEB	60	2058	LCFEB:	RTS	
CFEC	4CF4C7	2059	LCFEC:	JMP	LC7F4
CFEF	D0E2	2060	LCFEF:	BNE	LCFD3
CFF1	A902	2061		LDA	#\$0002
CFF3	8593	2062		STA	L0093
CFF5	AD2305	2063	LCFF5:	LDA	L0523
CFF8	C928	2064		CMP	#\$0028
CFFA	F011	2065		BEQ	LD00D
CFFC	C92A	2066		CMP	#\$002A
CFFE	F00D	2067		BEQ	LD00D
D000	C923	2068	LD000:	CMP	#\$0023
D002	F009	2069		BEQ	LD00D
D004	208AC9	2070	LD004:	JSR	LC98A
D007	2940	2071		AND	#\$0040
D009	D002	2072		BNE	LD00D
D00B	E693	2073		INC	L0093
D00D	A596	2074	LD00D:	LDA	L0096
D00F	855C	2075		STA	L005C
D011	A597	2076		LDA	L0097
D013	855D	2077		STA	L005D
D015	20DCCF	2078	LD015:	JSR	LCFDC
D018	4C1BCF	2079		JMP	LCF1B
D01B	D0D2	2080		BNE	LCFEF
D01D	A902	2081		LDA	#\$0002
D01F	8593	2082		STA	L0093
D021	D0E1	2083		BNE	LD004
D023	D0CA	2084		BNE	LCFEF
D025	A901	2085		LDA	#\$0001
D027	8593	2086	LD027:	STA	L0093
D029	D0E2	2087		BNE	LD00D
D02B	D0C2	2088		BNE	LCFEF
D02D	A902	2089		LDA	#\$0002
D02F	D0F6	2090		BNE	LD027
D031	D0BC	2091	LD031:	BNE	LCFEF
D033	A902	2092		LDA	#\$0002
D035	8593	2093		STA	L0093
D037	AD2305	2094		LDA	L0523
D03A	D0C4	2095		BNE	LD000
D03C	D0B1	2096		BNE	LCFEF
D03E	A903	2097		LDA	#\$0003
D040	D0E5	2098		BNE	LD027

Mouse Packet Assembler

D042	D0ED	2099		BNE	LD031
D044	A903	2100		LDA	#\$0003
D046	8593	2101		STA	L0093
D048	A56F	2102		LDA	L006F
D04A	C902	2103		CMP	#\$0002
D04C	9013	2104		BCC	LD061
D04E	C904	2105		CMP	#\$0004
D050	900D	2106		BCC	LD05F
D052	F010	2107		BEQ	LD064
D054	C905	2108		CMP	#\$0005
D056	F012	2109		BEQ	LD06A
D058	C906	2110		CMP	#\$0006
D05A	F01F	2111		BEQ	LD07B
D05C	4CF5CF	2112		JMP	LCFF5
D05F	C693	2113	LD05F:	DEC	L0093
D061	4C0DD0	2114	LD061:	JMP	LD00D
D064	A905	2115	LD064:	LDA	#\$0005
D066	8593	2116		STA	L0093
D068	D0F7	2117		BNE	LD061
D06A	A908	2118	LD06A:	LDA	#\$0008
D06C	8593	2119	LD06C:	STA	L0093
D06E	208AC9	2120		JSR	LC98A
D071	2940	2121		AND	#\$0040
D073	D0EC	2122		BNE	LD061
D075	E693	2123		INC	L0093
D077	E693	2124		INC	L0093
D079	D0E6	2125		BNE	LD061
D07B	A906	2126	LD07B:	LDA	#\$0006
D07D	D0ED	2127		BNE	LD06C
D07F	A9A0	2128	LD07F:	LDA	#\$00A0
D081	8597	2129		STA	L0097
D083	8D0304	2130		STA	L0403
D086	A001	2131		LDY	#\$0001
D088	8CBA04	2132		STY	L04BA
D08B	88	2133		DEY	
D08C	8496	2134		STY	L0096
D08E	8C0204	2135		STY	L0402
D091	8490	2136		STY	L0090
D093	8492	2137		STY	L0092
D095	8CB904	2138		STY	L04B9
D098	A500	2139		LDA	L0000
D09A	D002	2140		BNE	LD09E
D09C	A49C	2141		LDY	L009C
D09E	8CBB04	2142	LD09E:	STY	L04BB
D0A1	A58A	2143		LDA	L008A
D0A3	F003	2144		BEQ	LD0A8
D0A5	2004DD	2145		JSR	LDD04
D0A8	20BDD8	2146	LD0A8:	JSR	LDBBD
D0AB	20C9D2	2147	LD0AB:	JSR	LD2C9
D0AE	9003	2148		BCC	LD0B3
D0B0	4C65C0	2149		JMP	LC065
D0B3	2070D2	2150	LD0B3:	JSR	LD270
D0B6	A048	2151		LDY	#\$0048
D0B8	995301	2152	LD0B8:	STA	L0153,Y

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D0BB	88	2153		DEY	
D0BC	10FA	2154		BPL	LD0B8
D0BE	A007	2155		LDY	#\$0007
D0C0	A920	2156		LDA	#\$0020
D0C2	99A001	2157	LD0C2:	STA	L01A0,Y
D0C5	88	2158		DEY	
D0C6	10FA	2159		BPL	LD0C2
D0C8	A953	2160		LDA	#\$0053
D0CA	8556	2161		STA	L0056
D0CC	A901	2162		LDA	#\$0001
D0CE	8557	2163		STA	L0057
D0D0	AD1605	2164		LDA	L0516
D0D3	C92A	2165		CMP	#\$002A
D0D5	D003	2166		BNE	LD0DA
D0D7	4CE6D9	2167		JMP	LD9E6
D0DA	2013CE	2168	LD0DA:	JSR	LCE13
D0DD	700C	2169		BVS	LD0EB
D0DF	2EC604	2170		ROL	L04C6
D0E2	B00C	2171		BCS	LD0F0
D0E4	A94D	2172		LDA	#\$004D
D0E6	205DD2	2173		JSR	LD25D
D0E9	D005	2174		BNE	LD0F0
D0EB	A953	2175	LD0EB:	LDA	#\$0053
D0ED	205DD2	2176		JSR	LD25D
D0F0	A570	2177	LD0F0:	LDA	L0070
D0F2	1008	2178		BPL	LD0FC
D0F4	A94F	2179		LDA	#\$004F
D0F6	205DD2	2180		JSR	LD25D
D0F9	4C2BD1	2181		JMP	LD12B
D0FC	D00D	2182	LD0FC:	BNE	LD10B
D0FE	A933	2183		LDA	#\$0033
D100	8546	2184		STA	L0046
D102	A9D1	2185		LDA	#\$00D1
D104	8547	2186		STA	L0047
D106	A56F	2187		LDA	L006F
D108	4C1BD1	2188		JMP	LD11B
D10B	A94D	2189	LD10B:	LDA	#\$004D
D10D	8546	2190		STA	L0046
D10F	A9D1	2191		LDA	#\$00D1
D111	8547	2192		STA	L0047
D113	A900	2193		LDA	#\$0000
D115	8592	2194		STA	L0092
D117	A470	2195	LD117:	LDY	L0070
D119	88	2196		DEY	
D11A	98	2197		TYA	
D11B	0A	2198	LD11B:	ASL	A
D11C	A8	2199		TAY	
D11D	C8	2200		INY	
D11E	B146	2201		LDA	(L0046),Y
D120	48	2202		PHA	
D121	88	2203		DEY	
D122	B146	2204		LDA	(L0046),Y
D124	48	2205		PHA	
D125	20A0D2	2206		JSR	LD2A0

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D128	A592	2207		LDA	L0092
D12A	60	2208		RTS	
D12B	A904	2209	LD12B:	LDA	#\$0004
D12D	8D9801	2210		STA	L0198
D130	4CE6D9	2211		JMP	LD9E6
D133	66D1	2212		DEFB	\$66,\$D1
D135	81D1	2213		DEFB	\$81,\$D1
D137	A4D1	2214		DEFB	\$A4,\$D1
D139	AA	2215		DEFB	\$AA
D13A	D09C	2216		DEFB	\$D0,\$9C
D13C	D1AD	2217		DEFB	\$D1,\$AD
D13E	D1BA	2218		DEFB	\$D1,\$BA
D140	D1D0	2219		DEFB	\$D1,\$D0
D142	D1F7	2220		DEFB	\$D1,\$F7
D144	D12D	2221		DEFB	\$D1,\$2D
D146	D2	2222		DEFB	\$D2
D147	4CD292	2223		DEFB	\$4C,\$D2,\$92
D14A	D153	2224		DEFB	\$D1,\$53
D14C	D2	2225		DEFB	\$D2
D14D	FF	2226		DEFB	\$FF
D14E	D5A0	2227		DEFB	\$D5,\$A0
D150	D6DD	2228		DEFB	\$D6,\$DD
D152	D6E4	2229		DEFB	\$D6,\$E4
D154	D627	2230		DEFB	\$D6,\$27
D156	D7	2231		DEFB	\$D7
D157	5A	2232		DEFB	\$5A
D158	D7	2233		DEFB	\$D7
D159	91D7	2234		DEFB	\$91,\$D7
D15B	B9D7C0	2235		DEFB	\$B9,\$D7,\$C0
D15E	D7	2236		DEFB	\$D7
D15F	0C	2237		DEFB	\$0C
D160	D8	2238		DEFB	\$D8
D161	10D8	2239		DEFB	\$10,\$D8
D163	50D8	2240		DEFB	\$50,\$D8
D165	54	2241		DEFB	\$54
D166	D8	2242		CLD	
D167	20BFDC	2243		JSR	LDCBF
D16A	A900	2244		LDA	#\$0000
D16C	8592	2245		STA	L0092
D16E	208AC9	2246		JSR	LC98A
D171	A562	2247		LDA	L0062
D173	8596	2248		STA	L0096
D175	8D0204	2249		STA	L0402
D178	A563	2250		LDA	L0063
D17A	8597	2251		STA	L0097
D17C	8D0304	2252		STA	L0403
D17F	4CE6D9	2253	LD17F:	JMP	LD9E6
D182	20BFDC	2254		JSR	LDCBF
D185	A901	2255		LDA	#\$0001
D187	8592	2256		STA	L0092
D189	208AC9	2257		JSR	LC98A
D18C	A562	2258		LDA	L0062
D18E	8590	2259		STA	L0090
D190	4CE6D9	2260		JMP	LD9E6

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D193	A900	2261		LDA	#\$0000
D195	8592	2262		STA	L0092
D197	2004DD	2263		JSR	LDD04
D19A	4CE6D9	2264		JMP	LD9E6
D19D	208AC9	2265		JSR	LC98A
D1A0	10DD	2266		BPL	LD17F
D1A2	4C58D2	2267		JMP	LD258
D1A5	CE9301	2268		DEC	L0193
D1A8	20BFDC	2269		JSR	LDCBF
D1AB	4CE6D9	2270		JMP	LD9E6
D1AE	A920	2271		LDA	#\$0020
D1B0	8D1E05	2272		STA	L051E
D1B3	8D1F05	2273		STA	L051F
D1B6	8D2005	2274		STA	L0520
D1B9	D0C4	2275		BNE	LD17F
D1BB	208AC9	2276		JSR	LC98A
D1BE	A562	2277		LDA	L0062
D1C0	8D9A01	2278		STA	L019A
D1C3	A563	2279		LDA	L0063
D1C5	8D9B01	2280		STA	L019B
D1C8	20BFDC	2281		JSR	LDCBF
D1CB	2018DD	2282		JSR	LDD18
D1CE	4CE6D9	2283		JMP	LD9E6
D1D1	E660	2284		INC	L0060
D1D3	A560	2285		LDA	L0060
D1D5	8D9801	2286		STA	L0198
D1D8	208AC9	2287	LD1D8:	JSR	LC98A
D1DB	307B	2288		BMI	LD258
D1DD	2CE6D1	2289		BIT	LD1E6
D1E0	D066	2290		BNE	LD248
D1E2	2953	2291		AND	#\$0053
D1E4	D003	2292		BNE	LD1E9
D1E6	2067D2	2293	LD1E6:	JSR	LD267
D1E9	A562	2294	LD1E9:	LDA	L0062
D1EB	A000	2295		LDY	#\$0000
D1ED	9156	2296		STA	(L0056),Y
D1EF	208BD2	2297		JSR	LD28B
D1F2	C660	2298		DEC	L0060
D1F4	D0E2	2299		BNE	LD1D8
D1F6	F028	2300		BEQ	LD220
D1F8	E660	2301		INC	L0060
D1FA	A560	2302		LDA	L0060
D1FC	0A	2303		ASL	A
D1FD	8D9801	2304		STA	L0198
D200	208AC9	2305	LD200:	JSR	LC98A
D203	3053	2306		BMI	LD258
D205	2972	2307		AND	#\$0072
D207	D003	2308		BNE	LD20C
D209	2067D2	2309		JSR	LD267
D20C	A000	2310	LD20C:	LDY	#\$0000
D20E	A562	2311		LDA	L0062
D210	9156	2312		STA	(L0056),Y
D212	208BD2	2313		JSR	LD28B
D215	A563	2314		LDA	L0063

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D217	9156	2315		STA	(L0056),Y
D219	208BD2	2316		JSR	LD28B
D21C	C660	2317		DEC	L0060
D21E	D0E0	2318		BNE	LD200
D220	AD9401	2319	LD220:	LDA	L0194
D223	D003	2320		BNE	LD228
D225	4CE6D9	2321	LD225:	JMP	LD9E6
D228	AD9501	2322	LD228:	LDA	L0195
D22B	4C6BD6	2323		JMP	LD66B
D22E	208AC9	2324		JSR	LC98A
D231	A598	2325		LDA	L0098
D233	8D9801	2326		STA	L0198
D236	A000	2327		LDY	#\$0000
D238	B18C	2328	LD238:	LDA	(L008C),Y
D23A	9156	2329		STA	(L0056),Y
D23C	C8	2330		INY	
D23D	C040	2331		CPY	#\$0040
D23F	F007	2332		BEQ	LD248
D241	C698	2333		DEC	L0098
D243	D0F3	2334		BNE	LD238
D245	4CE6D9	2335		JMP	LD9E6
D248	A94C	2336	LD248:	LDA	#\$004C
D24A	4C6BD6	2337		JMP	LD66B
D24D	A901	2338		LDA	#\$0001
D24F	8D9801	2339	LD24F:	STA	L0198
D252	D0D1	2340		BNE	LD225
D254	A902	2341		LDA	#\$0002
D256	D0F7	2342		BNE	LD24F
D258	A564	2343	LD258:	LDA	L0064
D25A	4C6BD6	2344		JMP	LD66B
D25D	AC9701	2345	LD25D:	LDY	L0197
D260	99A001	2346		STA	L01A0,Y
D263	EE9701	2347		INC	L0197
D266	60	2348		RTS	
D267	EE9401	2349	LD267:	INC	L0194
D26A	A564	2350		LDA	L0064
D26C	8D9501	2351		STA	L0195
D26F	60	2352		RTS	
D270	201EC7	2353	LD270:	JSR	LC71E
D273	A900	2354		LDA	#\$0000
D275	854A	2355		STA	L004A
D277	A905	2356		LDA	#\$0005
D279	854B	2357		STA	L004B
D27B	E68E	2358		INC	L008E
D27D	D002	2359		BNE	LD281
D27F	E68F	2360		INC	L008F
D281	A58E	2361	LD281:	LDA	L008E
D283	A68F	2362		LDX	L008F
D285	20E8C4	2363		JSR	LC4E8
D288	A900	2364		LDA	#\$0000
D28A	60	2365		RTS	
D28B	E656	2366	LD28B:	INC	L0056
D28D	D002	2367		BNE	LD291
D28F	E657	2368		INC	L0057

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D291	60	2369	LD291:	RTS	
D292	E646	2370	LD292:	INC	L0046
D294	D002	2371		BNE	LD298
D296	E647	2372		INC	L0047
D298	60	2373	LD298:	RTS	
D299	E648	2374	LD299:	INC	L0048
D29B	D002	2375		BNE	LD29F
D29D	E649	2376		INC	L0049
D29F	60	2377	LD29F:	RTS	
D2A0	A923	2378	LD2A0:	LDA	#\$0023
D2A2	8546	2379		STA	L0046
D2A4	A905	2380		LDA	#\$0005
D2A6	8547	2381		STA	L0047
D2A8	60	2382		RTS	
D2A9	A901	2383	LD2A9:	LDA	#\$0001
D2AB	A205	2384		LDX	#\$0005
D2AD	2011C1	2385		JSR	LC111
D2B0	A964	2386		LDA	#\$0064
D2B2	A2CE	2387		LDX	#\$00CE
D2B4	4C11C1	2388		JMP	LC111
D2B7	48	2389	LD2B7:	PHA	
D2B8	297F	2390		AND	#\$007F
D2BA	200EF8	2391		JSR	OPCHR
D2BD	68	2392		PLA	
D2BE	60	2393		RTS	

Output character

S/R Get Char

D2BF	58	2394	LD2BF:	CLI	
D2C0	201DF8	2395		JSR	POLLKB
D2C3	A501	2396		LDA	L0001
D2C5	20B7D2	2397		JSR	LD2B7
D2C8	60	2398		RTS	
D2C9	A501	2399	LD2C9:	LDA	L0001
D2CB	C903	2400		CMP	#\$0003
D2CD	F001	2401		BEQ	LD2D0
D2CF	18	2402	LD2CF:	CLC	
D2D0	60	2403	LD2D0:	RTS	
D2D1	58	2404	LD2D1:	CLI	
D2D2	201DF8	2405		JSR	POLLKB
D2D5	A501	2406		LDA	L0001
D2D7	C920	2407		CMP	#\$0020
D2D9	F0F4	2408		BEQ	LD2CF
D2DB	C903	2409		CMP	#\$0003
D2DD	D0F2	2410		BNE	LD2D1
D2DF	38	2411		SEC	
D2E0	60	2412		RTS	
D2E1	2424	2413		DEFB	\$24,\$24 \$\$\$
D2E3	2420	2414		DEFB	\$24,\$20
D2E5	0C	2415		DEFB	\$0C
D2E6	80	2416		DEFB	\$80
D2E7	2A	2417		DEFB	\$2A ***
D2E8	2A	2418		DEFB	\$2A
D2E9	2A	2419		DEFB	\$2A
D2EA	200A80	2420		DEFB	\$20,\$0A,\$80
D2ED	4144	2421		DEFB	\$41,\$44 ADC

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D2EF	43	2422	DEFB	\$43	
D2F0	206101	2423	DEFB	\$20,\$61,\$01	
D2F3	4144	2424	DEFB	\$41,\$44	ADD
D2F5	44	2425	DEFB	\$44	
D2F6	20610D	2426	DEFB	\$20,\$61,\$0D	
D2F9	414E	2427	DEFB	\$41,\$4E	AND
D2FB	44	2428	DEFB	\$44	
D2FC	202101	2429	DEFB	\$20,\$21,\$01	
D2FF	4153	2430	DEFB	\$41,\$53	ASC
D301	43	2431	DEFB	\$43	
D302	200900	2432	DEFB	\$20,\$09,\$00	
D305	4153	2433	DEFB	\$41,\$53	ASL
D307	4C2006	2434	DEFB	\$4C,\$20,\$06	
D30A	2	2435	DEFB	\$2	
D30B	4153	2436	DEFB	\$41,\$53	ASLA
D30D	4C410A	2437	DEFB	\$4C,\$41,\$0A	
D310	83	2438	DEFB	\$83	
D311	42	2439	DEFB	\$42	B<
D312	3C	2440	DEFB	\$3C	
D313	202030	2441	DEFB	\$20,\$20,\$30	
D316	4	2442	DEFB	\$4	
D317	42	2443	DEFB	\$42	B>=
D318	3E3D20	2444	DEFB	\$3E,\$3D,\$20	
D31B	1004	2445	DEFB	\$10,\$04	
D31D	42	2446	DEFB	\$42	BCC
D31E	43	2447	DEFB	\$43	
D31F	43	2448	DEFB	\$43	
D320	209004	2449	DEFB	\$20,\$90,\$04	
D323	42	2450	DEFB	\$42	BCS
D324	43	2451	DEFB	\$43	
D325	53	2452	DEFB	\$53	
D326	20B004	2453	DEFB	\$20,\$B0,\$04	
D329	42	2454	DEFB	\$42	BE
D32A	4520	2455	DEFB	\$45,\$20	
D32C	20F004	2456	DEFB	\$20,\$F0,\$04	
D32F	42	2457	DEFB	\$42	BEQ
D330	4551	2458	DEFB	\$45,\$51	
D332	20F004	2459	DEFB	\$20,\$F0,\$04	
D335	42	2460	DEFB	\$42	BGE
D336	47	2461	DEFB	\$47	
D337	4520	2462	DEFB	\$45,\$20	
D339	B004	2463	DEFB	\$B0,\$04	
D33B	42	2464	DEFB	\$42	BIT
D33C	4954	2465	DEFB	\$49,\$54	
D33E	202405	2466	DEFB	\$20,\$24,\$05	
D341	42	2467	DEFB	\$42	BLS
D342	4C5320	2468	DEFB	\$4C,\$53,\$20	
D345	9004	2469	DEFB	\$90,\$04	
D347	42	2470	DEFB	\$42	BM
D348	4D2020	2471	DEFB	\$4D,\$20,\$20	
D34B	3004	2472	DEFB	\$30,\$04	
D34D	42	2473	DEFB	\$42	BMI
D34E	4D4920	2474	DEFB	\$4D,\$49,\$20	
D351	3004	2475	DEFB	\$30,\$04	

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D353	42	2476	DEFB	\$42	BNE
D354	4E4520	2477	DEFB	\$4E,\$45,\$20	
D357	D004	2478	DEFB	\$D0,\$04	
D359	42	2479	DEFB	\$42	BNZ
D35A	4E5A20	2480	DEFB	\$4E,\$5A,\$20	
D35D	D004	2481	DEFB	\$D0,\$04	
D35F	42	2482	DEFB	\$42	BP
D360	5020	2483	DEFB	\$50,\$20	
D362	201004	2484	DEFB	\$20,\$10,\$04	
D365	42	2485	DEFB	\$42	BPL
D366	504C	2486	DEFB	\$50,\$4C	
D368	201004	2487	DEFB	\$20,\$10,\$04	
D36B	42	2488	DEFB	\$42	BRK
D36C	52	2489	DEFB	\$52	
D36D	4B	2490	DEFB	\$4B	
D36E	200083	2491	DEFB	\$20,\$00,\$83	
D371	42	2492	DEFB	\$42	BVC
D372	5643	2493	DEFB	\$56,\$43	
D374	205004	2494	DEFB	\$20,\$50,\$04	
D377	42	2495	DEFB	\$42	BVS
D378	5653	2496	DEFB	\$56,\$53	
D37A	207004	2497	DEFB	\$20,\$70,\$04	
D37D	42	2498	DEFB	\$42	BZ
D37E	5A	2499	DEFB	\$5A	
D37F	2020F0	2500	DEFB	\$20,\$20,\$F0	
D382	4	2501	DEFB	\$4	
D383	43	2502	DEFB	\$43	CDB
D384	44	2503	DEFB	\$44	
D385	42	2504	DEFB	\$42	
D386	20050D	2505	DEFB	\$20,\$05,\$0D	
D389	43	2506	DEFB	\$43	CLA
D38A	4C4120	2507	DEFB	\$4C,\$41,\$20	
D38D	2	2508	DEFB	\$2	
D38E	8D434C	2509	DEFB	\$8D,\$43,\$4C	CLC
D391	43	2510	DEFB	\$43	
D392	201883	2511	DEFB	\$20,\$18,\$83	
D395	43	2512	DEFB	\$43	
D396	4C4420	2513	DEFB	\$4C,\$44,\$20	LD
D399	D8	2514	DEFB	\$D8	
D39A	83	2515	DEFB	\$83	
D39B	43	2516	DEFB	\$43	CLI
D39C	4C4920	2517	DEFB	\$4C,\$49,\$20	
D39F	58	2518	DEFB	\$58	
D3A0	83	2519	DEFB	\$83	
D3A1	43	2520	DEFB	\$43	CLV
D3A2	4C5620	2521	DEFB	\$4C,\$56,\$20	
D3A5	B8	2522	DEFB	\$B8	
D3A6	83	2523	DEFB	\$83	
D3A7	43	2524	DEFB	\$43	CMA
D3A8	4D4120	2525	DEFB	\$4D,\$41,\$20	
D3AB	3	2526	DEFB	\$3	
D3AC	8D434D	2527	DEFB	\$8D,\$43,\$4D	CMP
D3AF	5020	2528	DEFB	\$50,\$20	
D3B1	C101	2529	DEFB	\$C1,\$01	

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D3B3	43	2530	DEFB	\$43	CPX
D3B4	5058	2531	DEFB	\$50,\$58	
D3B6	20000000	2532	DEFB	\$20,\$00,\$00	
D3B9	43	2533	DEFB	\$43	CPY
D3BA	5059	2534	DEFB	\$50,\$59	
D3BC	20C006	2535	DEFB	\$20,\$C0,\$06	
D3BF	44	2536	DEFB	\$44	DATA
D3C0	4154	2537	DEFB	\$41,\$54	
D3C2	4107	2538	DEFB	\$41,\$07	
D3C4		2539	DEFB	\$0	
D3C5	44	2540	DEFB	\$44	DBL
D3C6	42	2541	DEFB	\$42	
D3C7	4C2008	2542	DEFB	\$4C,\$20,\$08	
D3CA		2543	DEFB	\$0	
D3CB	44	2544	DEFB	\$44	DEA
D3CC	4541	2545	DEFB	\$45,\$41	
D3CE	20008D	2546	DEFB	\$20,\$00,\$8D	
D3D1	44	2547	DEFB	\$44	JAN
D3D2	4543	2548	DEFB	\$45,\$43	
D3D4	20C602	2549	DEFB	\$20,\$C6,\$02	
D3D7	44	2550	DEFB	\$44	DEX
D3D8	4558	2551	DEFB	\$45,\$58	
D3DA	20CA83	2552	DEFB	\$20,\$CA,\$83	
D3DD	44	2553	DEFB	\$44	DEY
D3DE	4559	2554	DEFB	\$45,\$59	
D3E0	208883	2555	DEFB	\$20,\$88,\$83	
D3E3	44	2556	DEFB	\$44	DI
D3E4	4920	2557	DEFB	\$49,\$20	
D3E6	207883	2558	DEFB	\$20,\$78,\$83	
D3E9	4549	2559	DEFB	\$45,\$49	EIX
D3EB	202058	2560	DEFB	\$20,\$20,\$58	
D3EE	83	2561	DEFB	\$83	
D3EF	454E	2562	DEFB	\$45,\$4E	END
D3F1	44	2563	DEFB	\$44	
D3F2	200280	2564	DEFB	\$20,\$02,\$80	
D3F5	454F	2565	DEFB	\$45,\$4F	EOR
D3F7	52	2566	DEFB	\$52	
D3F8	204101	2567	DEFB	\$20,\$41,\$01	
D3FB	4551	2568	DEFB	\$45,\$51	EQU
D3FD	5520	2569	DEFB	\$55,\$20	
D3FF	04	2570	DEFB	\$04	
D400	00	2571	DEFB	\$00	
D401	4553	2572	DEFB	\$45,\$53	ESP
D403	5020	2573	DEFB	\$50,\$20	
D405	0B	2574	DEFB	\$0B	
D406	80	2575	DEFB	\$80	
D407	4944	2576	DEFB	\$49,\$44	IDB
D409	42	2577	DEFB	\$42	
D40A	20060D	2578	DEFB	\$20,\$06,\$0D	
D40D	494E	2579	DEFB	\$49,\$4E	INA
D40F	4120	2580	DEFB	\$41,\$20	
D411	018D	2581	DEFB	\$01,\$8D	
D413	494E	2582	DEFB	\$49,\$4E	INC
D415	43	2583	DEFB	\$43	

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D416	20E602	2584	DEFB	\$20,\$E6,\$02	
D419	494E	2585	DEFB	\$49,\$4E	INX
D41B	58	2586	DEFB	\$58	
D41C	20E883	2587	DEFB	\$20,\$E8,\$83	
D41F	494E	2588	DEFB	\$49,\$4E	INY
D421	5920C8	2589	DEFB	\$59,\$20,\$C8	
D424	83	2590	DEFB	\$83	
D425	4A	2591	DEFB	\$4A	JMP
D426	4D5020	2592	DEFB	\$4D,\$50,\$20	
D429	4C074A	2593	DEFB	\$4C,\$07,\$4A	JSR
D42C	53	2594	DEFB	\$53	
D42D	52	2595	DEFB	\$52	
D42E	202008	2596	DEFB	\$20,\$20,\$08	
D431	4C4441	2597	DEFB	\$4C,\$44,\$41	LDA
D434	20A101	2598	DEFB	\$20,\$A1,\$01	
D437	4C4458	2599	DEFB	\$4C,\$44,\$58	LDX
D43A	20A209	2600	DEFB	\$20,\$A2,\$09	
D43D	4C4459	2601	DEFB	\$4C,\$44,\$59	LDY
D440	20A00A	2602	DEFB	\$20,\$A0,\$0A	
D443	4C5352	2603	DEFB	\$4C,\$53,\$52	LSR
D446	204602	2604	DEFB	\$20,\$46,\$02	
D449	4C5352	2605	DEFB	\$4C,\$53,\$52	LSRA
D44C	414A	2606	DEFB	\$41,\$4A	
D44E	83	2607	DEFB	\$83	
D44F	4E4F50	2608	DEFB	\$4E,\$4F,\$50	NOP
D452	20EA83	2609	DEFB	\$20,\$EA,\$83	
D455	4F	2610	DEFB	\$4F	ORA
D456	52	2611	DEFB	\$52	
D457	4120	2612	DEFB	\$41,\$20	
D459	101	2613	DEFB	\$10,\$1	
D45B	4F	2614	DEFB	\$4F	ORG
D45C	52	2615	DEFB	\$52	
D45D	47	2616	DEFB	\$47	
D45E	200000	2617	DEFB	\$20,\$00,\$00	
D461	5048	2618	DEFB	\$50,\$48	PHA
D463	4120	2619	DEFB	\$41,\$20	
D465	48	2620	DEFB	\$48	
D466	83	2621	DEFB	\$83	
D467	5048	2622	DEFB	\$50,\$48	PHP
D469	5020	2623	DEFB	\$50,\$20	
D46B	8	2624	DEFB	\$8	
D46C	83	2625	DEFB	\$83	
D46D	504C	2626	DEFB	\$50,\$4C	PLA
D46F	4120	2627	DEFB	\$41,\$20	
D471	68	2628	DEFB	\$68	
D472	83	2629	DEFB	\$83	
D473	504C	2630	DEFB	\$50,\$4C	PLP
D475	5020	2631	DEFB	\$50,\$20	
D477	28	2632	DEFB	\$28	
D478	83	2633	DEFB	\$83	
D479	52	2634	DEFB	\$52	REM
D47A	454D	2635	DEFB	\$45,\$4D	
D47C	200580	2636	DEFB	\$20,\$05,\$80	
D47F	52	2637	DEFB	\$52	RES

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D480	4553	2638	DEFB	\$45,\$53	
D482	200600	2639	DEFB	\$20,\$06,\$00	
D485	52	2640	DEFB	\$52	ROL
D486	4F	2641	DEFB	\$4F	
D487	4C2026	2642	DEFB	\$4C,\$20,\$26	
D48A	2	2643	DEFB	\$2	
D48B	52	2644	DEFB	\$52	ROLA
D48C	4F	2645	DEFB	\$4F	
D48D	4C412A	2646	DEFB	\$4C,\$41,\$2A	
D490	83	2647	DEFB	\$83	
D491	52	2648	DEFB	\$52	ROR
D492	4F	2649	DEFB	\$4F	
D493	52	2650	DEFB	\$52	
D494	206602	2651	DEFB	\$20,\$66,\$02	
D497	52	2652	DEFB	\$52	OROA
D498	4F	2653	DEFB	\$4F	
D499	52	2654	DEFB	\$52	
D49A	416A	2655	DEFB	\$41,\$6A	
D49C	83	2656	DEFB	\$83	
D49D	52	2657	DEFB	\$52	RTI
D49E	54	2658	DEFB	\$54	
D49F	4920	2659	DEFB	\$49,\$20	
D4A1	40	2660	DEFB	\$40	
D4A2	83	2661	DEFB	\$83	
D4A3	52	2662	DEFB	\$52	RTS
D4A4	54	2663	DEFB	\$54	
D4A5	53	2664	DEFB	\$53	
D4A6	206083	2665	DEFB	\$20,\$60,\$83	
D4A9	53	2666	DEFB	\$53	SBC
D4AA	42	2667	DEFB	\$42	
D4AB	43	2668	DEFB	\$43	
D4AC	20E201	2669	DEFB	\$20,\$E2,\$01	
D4AF	53	2670	DEFB	\$53	SEC
D4B0	4543	2671	DEFB	\$45,\$43	
D4B2	203883	2672	DEFB	\$20,\$38,\$83	
D4B5	53	2673	DEFB	\$53	SED
D4B6	4544	2674	DEFB	\$45,\$44	
D4B8	20F883	2675	DEFB	\$20,\$F8,\$83	
D4BB	53	2676	DEFB	\$53	SEI
D4BC	4549	2677	DEFB	\$45,\$49	
D4BE	207883	2678	DEFB	\$20,\$78,\$83	
D4C1	53	2679	DEFB	\$53	SPD
D4C2	5044	2680	DEFB	\$50,\$44	
D4C4	200100	2681	DEFB	\$20,\$01,\$00	
D4C7	53	2682	DEFB	\$53	STA
D4C8	54	2683	DEFB	\$54	
D4C9	4120	2684	DEFB	\$41,\$20	
D4CB	8101	2685	DEFB	\$81,\$01	
D4CD	53	2686	DEFB	\$53	STX
D4CE	54	2687	DEFB	\$54	
D4CF	58	2688	DEFB	\$58	
D4D0	20860B	2689	DEFB	\$20,\$86,\$0B	
D4D3	53	2690	DEFB	\$53	STY
D4D4	54	2691	DEFB	\$54	

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D4D5	592084	2692	DEFB	\$59,\$20,\$84	
D4D8	0C	2693	DEFB	\$0C	
D4D9	53	2694	DEFB	\$53	SUB
D4DA	5542	2695	DEFB	\$55,\$42	
D4DC	20E10D	2696	DEFB	\$20,\$E1,\$0D	
D4DF	54	2697	DEFB	\$54	TAX
D4E0	4158	2698	DEFB	\$41,\$58	
D4E2	20AA83	2699	DEFB	\$20,\$AA,\$83	
D4E5	54	2700	DEFB	\$54	TAY
D4E6	4159	2701	DEFB	\$41,\$59	
D4E8	20A883	2702	DEFB	\$20,\$A8,\$83	
D4EB	54	2703	DEFB	\$54	TCA
D4EC	43	2704	DEFB	\$43	
D4ED	4120	2705	DEFB	\$41,\$20	
D4EF	4	2706	DEFB	\$4	
D4F0	8D5449	2707	DEFB	\$8D,\$54,\$49	TIT
D4F3	54	2708	DEFB	\$54	
D4F4	4C0300	2709	DEFB	\$4C,\$03,\$00	
D4F7	54	2710	DEFB	\$54	TSX
D4F8	53	2711	DEFB	\$53	
D4F9	58	2712	DEFB	\$58	
D4FA	20BA83	2713	DEFB	\$20,\$BA,\$83	
D4FD	54	2714	DEFB	\$54	TXA
D4FE	58	2715	DEFB	\$58	
D4FF	4120	2716	DEFB	\$41,\$20	
D501	8A	2717	DEFB	\$8A	
D502	83	2718	DEFB	\$83	
D503	54	2719	DEFB	\$54	TXS
D504	58	2720	DEFB	\$58	
D505	53	2721	DEFB	\$53	
D506	209A83	2722	DEFB	\$20,\$9A,\$83	
D509	54	2723	DEFB	\$54	TYA
D50A	594120	2724	DEFB	\$59,\$41,\$20	
D50D	98	2725	DEFB	\$98	
D50E	83	2726	DEFB	\$83	
D50F	80	2727	LD50F: DEFB	\$80	
D510	0580	2728	LD510: DEFB	\$05,\$80	
D512	05D3	2729	DEFB	\$05,\$D3	
D514	40	2730	DEFB	\$40	
D515	FF	2731	DEFB	\$FF	
D516	40	2732	DEFB	\$40	
D517	D3	2733	DEFB	\$D3	
D518	00	2734	DEFB	\$00	
D519	F3	2735	DEFB	\$F3	
D51A	40	2736	DEFB	\$40	
D51B	D7	2737	DEFB	\$D7	
D51C	50D2	2738	DEFB	\$50,\$D2	
D51E	40	2739	DEFB	\$40	
D51F	FF	2740	DEFB	\$FF	
D520	00	2741	DEFB	\$00	
D521	DB	2742	DEFB	\$DB	
D522	00	2743	DEFB	\$00	
D523	D3	2744	DEFB	\$D3	
D524	00	2745	DEFB	\$00	

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D525	D900F7	2746	DEFB	\$D9,\$00,\$F7
D528	00	2747	DEFB	\$00
D529	D3	2748	DEFB	\$D3
D52A	00	2749	DEFB	\$00
D52B	FF	2750	DEFB	\$FF
D52C	00	2751	DEFB	\$00
D52D	FF	2752	DEFB	\$FF
D52E	00	2753	DEFB	\$00
D52F	F3	2754	DEFB	\$F3
D530	00	2755	DEFB	\$00
D531	F3	2756	DEFB	\$F3
D532	00	2757	DEFB	\$00
D533	D3	2758	DEFB	\$D3
D534	00	2759	DEFB	\$00
D535	F3	2760	DEFB	\$F3
D536	00	2761	DEFB	\$00
D537	D100	2762	DEFB	\$D1,\$00
D539	F7	2763	DEFB	\$F7
D53A	00	2764	DEFB	\$00
D53B	F7	2765	DEFB	\$F7
D53C	80	2766	DEFB	\$80
D53D	D100	2767	DEFB	\$D1,\$00
D53F	F7	2768	DEFB	\$F7
D540	00	2769	DEFB	\$00
D541	FF	2770	DEFB	\$FF
D542	00	2771	DEFB	\$00
D543	FF	2772	DEFB	\$FF
D544	00	2773	DEFB	\$00
D545	FF	2774	DEFB	\$FF
D546	00	2775	DEFB	\$00
D547	FF	2776	DEFB	\$FF
D548	00	2777	DEFB	\$00
D549	FF	2778	DEFB	\$FF
D54A	00	2779	DEFB	\$00
D54B	FF	2780	DEFB	\$FF
D54C	00	2781	DEFB	\$00
D54D	BF	2782	DEFB	\$BF
D54E	01FF	2783	DEFB	\$01,\$FF
D550	00	2784	DEFB	\$00
D551	FF	2785	DEFB	\$FF
D552	00	2786	DEFB	\$00
D553	FF	2787	DEFB	\$FF
D554	00	2788	DEFB	\$00
D555	FF	2789	DEFB	\$FF
D556	00	2790	DEFB	\$00
D557	FF	2791	DEFB	\$FF
D558	00	2792	DEFB	\$00
D559	FF	2793	DEFB	\$FF
D55A	00	2794	DEFB	\$00
D55B	FF	2795	DEFB	\$FF
D55C	00	2796	DEFB	\$00
D55D	FF	2797	DEFB	\$FF
D55E	00	2798	DEFB	\$00
D55F	FF	2799	DEFB	\$FF

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D560	00	2800	DEFB	\$00
D561	FF	2801	DEFB	\$FF
D562	00	2802	DEFB	\$00
D563	FF	2803	DEFB	\$FF
D564	00	2804	DEFB	\$00
D565	FF	2805	DEFB	\$FF
D566	00	2806	DEFB	\$00
D567	5D00D9	2807	DEFB	\$5D,\$00,\$D9
D56A	00	2808	DEFB	\$00
D56B	F900FF	2809	DEFB	\$F9,\$00,\$FF
D56E	00	2810	DEFB	\$00
D56F	FF	2811	DEFB	\$FF
D570	00	2812	DEFB	\$00
D571	FF	2813	DEFB	\$FF
D572	00	2814	DEFB	\$00
D573	D100	2815	DEFB	\$D1,\$00
D575	D900D9	2816	DEFB	\$D9,\$00,\$D9
D578	00	2817	DEFB	\$00
D579	DD00DD	2818	DEFB	\$DD,\$00,\$DD
D57C	00	2819	DEFB	\$00
D57D	FF	2820	DEFB	\$FF
D57E	00	2821	DEFB	\$00
D57F	EF	2822	DEFB	\$EF
D580	48	2823	DEFB	\$48
D581	FF	2824	DEFB	\$FF
D582	40	2825	DEFB	\$40
D583	D3	2826	DEFB	\$D3
D584	00	2827	DEFB	\$00
D585	D3	2828	DEFB	\$D3
D586	40	2829	DEFB	\$40
D587	D3	2830	DEFB	\$D3
D588	40	2831	DEFB	\$40
D589	D3	2832	DEFB	\$D3
D58A	40	2833	DEFB	\$40
D58B	F7	2834	DEFB	\$F7
D58C	40	2835	DEFB	\$40
D58D	DF	2836	DEFB	\$DF
D58E	41D3	2837	DEFB	\$41,\$D3
D590	40	2838	DEFB	\$40
D591	D3	2839	DEFB	\$D3
D592	40	2840	DEFB	\$40
D593	D3	2841	DEFB	\$D3
D594	40	2842	DEFB	\$40
D595	FF	2843	DEFB	\$FF
D596	40	2844	DEFB	\$40
D597	D3	2845	DEFB	\$D3
D598	00	2846	DEFB	\$00
D599	D3	2847	DEFB	\$D3
D59A	40	2848	DEFB	\$40
D59B	D7	2849	DEFB	\$D7
D59C	50D2	2850	DEFB	\$50,\$D2
D59E	40	2851	DEFB	\$40
D59F	FF	2852	DEFB	\$FF
D5A0	00	2853	DEFB	\$00

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D5A1	D900D3	2854	DEFB	\$D9,\$00,\$D3
D5A4	00	2855	DEFB	\$00
D5A5	D900F7	2856	DEFB	\$D9,\$00,\$F7
D5A8	00	2857	DEFB	\$00
D5A9	D3	2858	DEFB	\$D3
D5AA	00	2859	DEFB	\$00
D5AB	FF	2860	DEFB	\$FF
D5AC	00	2861	DEFB	\$00
D5AD	FF	2862	DEFB	\$FF
D5AE	00	2863	DEFB	\$00
D5AF	F3	2864	DEFB	\$F3
D5B0	00	2865	DEFB	\$00
D5B1	F3	2866	DEFB	\$F3
D5B2	00	2867	DEFB	\$00
D5B3	D3	2868	DEFB	\$D3
D5B4	00	2869	DEFB	\$00
D5B5	F3	2870	DEFB	\$F3
D5B6	00	2871	DEFB	\$00
D5B7	D100	2872	DEFB	\$D1,\$00
D5B9	F7	2873	DEFB	\$F7
D5BA	00	2874	DEFB	\$00
D5BB	F7	2875	DEFB	\$F7
D5BC	80	2876	DEFB	\$80
D5BD	D100	2877	DEFB	\$D1,\$00
D5BF	F7	2878	DEFB	\$F7
D5C0	00	2879	DEFB	\$00
D5C1	FF	2880	DEFB	\$FF
D5C2	00	2881	DEFB	\$00
D5C3	FF	2882	DEFB	\$FF
D5C4	00	2883	DEFB	\$00
D5C5	FF	2884	DEFB	\$FF
D5C6	00	2885	DEFB	\$00
D5C7	FF	2886	DEFB	\$FF
D5C8	00	2887	DEFB	\$00
D5C9	FF	2888	DEFB	\$FF
D5CA	00	2889	DEFB	\$00
D5CB	FF	2890	DEFB	\$FF
D5CC	00	2891	DEFB	\$00
D5CD	FF	2892	DEFB	\$FF
D5CE	41FF	2893	DEFB	\$41,\$FF
D5D0	00	2894	DEFB	\$00
D5D1	FF	2895	DEFB	\$FF
D5D2	00	2896	DEFB	\$00
D5D3	FF	2897	DEFB	\$FF
D5D4	00	2898	DEFB	\$00
D5D5	FF	2899	DEFB	\$FF
D5D6	00	2900	DEFB	\$00
D5D7	FF	2901	DEFB	\$FF
D5D8	00	2902	DEFB	\$00
D5D9	FF	2903	DEFB	\$FF
D5DA	00	2904	DEFB	\$00
D5DB	FF	2905	DEFB	\$FF
D5DC	00	2906	DEFB	\$00
D5DD	FF	2907	DEFB	\$FF

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D5DE	00	2908		DEFB	\$00
D5DF	FF	2909		DEFB	\$FF
D5E0	00	2910		DEFB	\$00
D5E1	FF	2911		DEFB	\$FF
D5E2	00	2912		DEFB	\$00
D5E3	FF	2913		DEFB	\$FF
D5E4	00	2914		DEFB	\$00
D5E5	FF	2915		DEFB	\$FF
D5E6	00	2916		DEFB	\$00
D5E7	5900D9	2917		DEFB	\$59,\$00,\$D9
D5EA	00	2918		DEFB	\$00
D5EB	D900FF	2919		DEFB	\$D9,\$00,\$FF
D5EE	00	2920		DEFB	\$00
D5EF	FF	2921		DEFB	\$FF
D5F0	00	2922		DEFB	\$00
D5F1	FF	2923		DEFB	\$FF
D5F2	00	2924		DEFB	\$00
D5F3	D100	2925		DEFB	\$D1,\$00
D5F5	D900D9	2926		DEFB	\$D9,\$00,\$D9
D5F8	00	2927		DEFB	\$00
D5F9	DD00DD	2928		DEFB	\$DD,\$00,\$DD
D5FC	00	2929		DEFB	\$00
D5FD	FF	2930		DEFB	\$FF
D5FE	00	2931		DEFB	\$00
D5FF	EF	2932		DEFB	\$EF
D600	A902	2933		LDA	#\$0002
D602	8D9801	2934	LD602:	STA	L0198
D605	AD2305	2935		LDA	L0523
D608	C923	2936		CMP	#\$0023
D60A	F065	2937		BEQ	LD671
D60C	C92A	2938		CMP	#\$002A
D60E	F075	2939		BEQ	LD685
D610	C928	2940		CMP	#\$0028
D612	F071	2941		BEQ	LD685
D614	208AC9	2942		JSR	LC98A
D617	304D	2943		BMI	LD666
D619	A000	2944		LDY	#\$0000
D61B	2940	2945		AND	#\$0040
D61D	F024	2946		BEQ	LD643
D61F	A204	2947		LDX	#\$0004
D621	A56E	2948		LDA	L006E
D623	2904	2949		AND	#\$0004
D625	F00A	2950		BEQ	LD631
D627	9008	2951		BCC	LD631
D629	A214	2952		LDX	#\$0014
D62B	B146	2953		LDA	(L0046),Y
D62D	C958	2954		CMP	#\$0058
D62F	D035	2955		BNE	LD666
D631	8A	2956	LD631:	TXA	
D632	056F	2957		ORA	L006F
D634	9156	2958		STA	(L0056),Y
D636	A562	2959		LDA	L0062
D638	C8	2960		INY	
D639	9156	2961		STA	(L0056),Y

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D63B	A563	2962		LDA	L0063	
D63D	C8	2963		INY		
D63E	9156	2964		STA	(L0056),Y	
D640	4CE6D9	2965		JMP	LD9E6	
D643	EE9801	2966	LD643:	INC	L0198	
D646	A56E	2967		LDA	L006E	
D648	2920	2968		AND	#\$0020	
D64A	F01D	2969		BEQ	LD669	
D64C	A20C	2970		LDX	#\$000C	
D64E	A56E	2971		LDA	L006E	
D650	2904	2972		AND	#\$0004	
D652	F0DD	2973		BEQ	LD631	
D654	A21C	2974		LDX	#\$001C	
D656	B146	2975		LDA	(L0046),Y	
D658	C958	2976		CMP	#\$0058	
D65A	F0D5	2977		BEQ	LD631	
D65C	A218	2978		LDX	#\$0018	
D65E	C959	2979		CMP	#\$0059	
D660	F0CF	2980		BEQ	LD631	
D662	A949	2981	LD662:	LDA	#\$0049	
D664	D005	2982		BNE	LD66B	
D666	EE9801	2983	LD666:	INC	L0198	
D669	A955	2984	LD669:	LDA	#\$0055	
D66B	205DD2	2985	LD66B:	JSR	LD25D	
D66E	4CE6D9	2986		JMP	LD9E6	
D671	A56F	2987	LD671:	LDA	L006F	
D673	C981	2988		CMP	#\$0081	
D675	F0F2	2989		BEQ	LD669	
D677	2092D2	2990		JSR	LD292	
D67A	208AC9	2991		JSR	LC98A	
D67D	2910	2992		AND	#\$0010	
D67F	F0E8	2993		BEQ	LD669	
D681	A208	2994		LDX	#\$0008	
D683	D0AC	2995		BNE	LD631	
D685	2092D2	2996	LD685:	JSR	LD292	
D688	208AC9	2997		JSR	LC98A	
D68B	2940	2998		AND	#\$0040	
D68D	F0DA	2999		BEQ	LD669	
D68F	A000	3000		LDY	#\$0000	
D691	A200	3001		LDX	#\$0000	
D693	B146	3002		LDA	(L0046),Y	
D695	C958	3003		CMP	#\$0058	X?
D697	F098	3004	LD697:	BEQ	LD631	
D699	A210	3005		LDX	#\$0010	
D69B	C959	3006		CMP	#\$0059	Y?
D69D	F092	3007		BEQ	LD631	
D69F	D0C1	3008		BNE	LD662	
D6A1	A902	3009		LDA	#\$0002	
D6A3	8D9801	3010		STA	L0198	
D6A6	208AC9	3011		JSR	LC98A	
D6A9	30BB	3012		BMI	LD666	
D6AB	A000	3013		LDY	#\$0000	
D6AD	2940	3014		AND	#\$0040	
D6AF	F012	3015		BEQ	LD6C3	

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D6B1	A200	3016		LDX	#\$0000
D6B3	A56E	3017		LDA	L006E
D6B5	2904	3018		AND	#\$0004
D6B7	F0DE	3019	LD6B7:	BEQ	LD697
D6B9	A210	3020		LDX	#\$0010
D6BB	B146	3021		LDA	(L0046),Y
D6BD	C958	3022		CMP	#\$0058
D6BF	D0A1	3023		BNE	LD662
D6C1	F0F4	3024		BEQ	LD6B7
D6C3	EE9801	3025	LD6C3:	INC	L0198
D6C6	A56E	3026		LDA	L006E
D6C8	2920	3027		AND	#\$0020
D6CA	F09D	3028		BEQ	LD669
D6CC	A208	3029		LDX	#\$0008
D6CE	A56E	3030		LDA	L006E
D6D0	2904	3031		AND	#\$0004
D6D2	F0E3	3032		BEQ	LD6B7
D6D4	A218	3033		LDX	#\$0018
D6D6	B146	3034		LDA	(L0046),Y
D6D8	C958	3035		CMP	#\$0058
D6DA	D086	3036	LD6DA:	BNE	LD662
D6DC	F0D9	3037		BEQ	LD6B7
D6DE	A901	3038		LDA	#\$0001
D6E0	8D9801	3039		STA	L0198
D6E3	D036	3040		BNE	LD71B
D6E5	A902	3041		LDA	#\$0002
D6E7	8D9801	3042		STA	L0198
D6EA	A56F	3043		LDA	L006F
D6EC	8D5301	3044		STA	L0153
D6EF	208AC9	3045		JSR	LC98A
D6F2	30000000	3046		BMI	LD6DA
D6F4	A562	3047		LDA	L0062
D6F6	A663	3048		LDX	L0063
D6F8	38	3049		SEC	
D6F9	E902	3050		SBC	#\$0002
D6FB	B001	3051		BCS	LD6FE
D6FD	CA	3052		DEX	
D6FE	38	3053	LD6FE:	SEC	
D6FF	E596	3054		SBC	L0096
D701	48	3055		PHA	
D702	8A	3056		TXA	
D703	E597	3057		SBC	L0097
D705	F008	3058		BEQ	LD70F
D707	C9FF	3059		CMP	#\$00FF
D709	F004	3060		BEQ	LD70F
D70B	68	3061	LD70B:	PLA	
D70C	4C23D7	3062		JMP	LD723
D70F	8562	3063	LD70F:	STA	L0062
D711	68	3064		PLA	
D712	48	3065		PHA	
D713	4562	3066		EOR	L0062
D715	30F4	3067		BMI	LD70B
D717	68	3068		PLA	
D718	8D5401	3069		STA	L0154

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D71B	A56F	3070	LD71B:	LDA	L006F
D71D	8D5301	3071		STA	L0153
D720	4CE6D9	3072		JMP	LD9E6
D723	A941	3073	LD723:	LDA	#\$0041
D725	4C6BD6	3074		JMP	LD66B
D728	A902	3075		LDA	#\$0002
D72A	8D9801	3076		STA	L0198
D72D	208AC9	3077		JSR	LC98A
D730	1006	3078		BPL	LD738
D732	EE9801	3079	LD732:	INC	L0198
D735	4C58D2	3080	LD735:	JMP	LD258
D738	2940	3081	LD738:	AND	#\$0040
D73A	F012	3082		BEQ	LD74E
D73C	A924	3083		LDA	#\$0024
D73E	8D5301	3084	LD73E:	STA	L0153
D741	A562	3085		LDA	L0062
D743	8D5401	3086		STA	L0154
D746	A563	3087		LDA	L0063
D748	8D5501	3088		STA	L0155
D74B	4CE6D9	3089		JMP	LD9E6
D74E	A56E	3090	LD74E:	LDA	L006E
D750	2920	3091		AND	#\$0020
D752	F0DE	3092		BEQ	LD732
D754	EE9801	3093		INC	L0198
D757	A92C	3094		LDA	#\$002C
D759	D0E3	3095		BNE	LD73E
D75B	A902	3096		LDA	#\$0002
D75D	8D9801	3097		STA	L0198
D760	AD2305	3098		LDA	L0523
D763	C923	3099		CMP	#\$0023
D765	F01D	3100		BEQ	LD784
D767	208AC9	3101		JSR	LC98A
D76A	30C6	3102		BMI	LD732
D76C	A56F	3103		LDA	L006F
D76E	18	3104		CLC	
D76F	6904	3105		ADC	#\$0004
D771	AA	3106		TAX	
D772	A56E	3107		LDA	L006E
D774	2940	3108		AND	#\$0040
D776	D009	3109		BNE	LD781
D778	A56F	3110		LDA	L006F
D77A	18	3111		CLC	
D77B	690C	3112		ADC	#\$000C
D77D	AA	3113		TAX	
D77E	EE9801	3114		INC	L0198
D781	8A	3115	LD781:	TXA	
D782	D0BA	3116		BNE	LD73E
D784	2092D2	3117	LD784:	JSR	LD292
D787	208AC9	3118		JSR	LC98A
D78A	2910	3119		AND	#\$0010
D78C	F0A4	3120		BEQ	LD732
D78E	A56F	3121		LDA	L006F
D790	D0AC	3122		BNE	LD73E
D792	A903	3123		LDA	#\$0003

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D794	8D9801	3124		STA	L0198
D797	AD2305	3125		LDA	L0523
D79A	C92A	3126		CMP	#\$002A
D79C	F012	3127		BEQ	LD7B0
D79E	C928	3128		CMP	#\$0028
D7A0	F00E	3129		BEQ	LD7B0
D7A2	208AC9	3130	LD7A2:	JSR	LC98A
D7A5	308E	3131		BMI	LD735
D7A7	2960	3132		AND	#\$0060
D7A9	F08A	3133		BEQ	LD735
D7AB	A56F	3134		LDA	L006F
D7AD	4C3ED7	3135		JMP	LD73E
D7B0	A96C	3136	LD7B0:	LDA	#\$006C
D7B2	856F	3137		STA	L006F
D7B4	2092D2	3138		JSR	LD292
D7B7	4CA2D7	3139		JMP	LD7A2
D7BA	A903	3140		LDA	#\$0003
D7BC	8D9801	3141		STA	L0198
D7BF	D0E1	3142		BNE	LD7A2
D7C1	A959	3143		LDA	#\$0059
D7C3	8D9601	3144	LD7C3:	STA	L0196
D7C6	A902	3145		LDA	#\$0002
D7C8	8D9801	3146		STA	L0198
D7CB	AD2305	3147		LDA	L0523
D7CE	C923	3148		CMP	#\$0023
D7D0	F02C	3149		BEQ	LD7FE
D7D2	208AC9	3150		JSR	LC98A
D7D5	2940	3151		AND	#\$0040
D7D7	F018	3152		BEQ	LD7F1
D7D9	A204	3153		LDX	#\$0004
D7DB	A56E	3154	LD7DB:	LDA	L006E
D7DD	2904	3155		AND	#\$0004
D7DF	F00D	3156		BEQ	LD7EE
D7E1	A000	3157		LDY	#\$0000
D7E3	B146	3158		LDA	(L0046),Y
D7E5	CD9601	3159		CMP	L0196
D7E8	D004	3160		BNE	LD7EE
D7EA	8A	3161		TXA	
D7EB	910	3162		ORA	#\$0010
D7ED	AA	3163		TAX	
D7EE	4C31D6	3164	LD7EE:	JMP	LD631
D7F1	EE9801	3165	LD7F1:	INC	L0198
D7F4	A20C	3166		LDX	#\$000C
D7F6	A56E	3167		LDA	L006E
D7F8	2920	3168		AND	#\$0020
D7FA	D0DF	3169		BNE	LD7DB
D7FC	F00C	3170		BEQ	LD80A
D7FE	2092D2	3171	LD7FE:	JSR	LD292
D801	208AC9	3172		JSR	LC98A
D804	A200	3173		LDX	#\$0000
D806	2910	3174		AND	#\$0010
D808	D0E4	3175		BNE	LD7EE
D80A	4C58D2	3176	LD80A:	JMP	LD258
D80D	A958	3177		LDA	#\$0058

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D80F	D0B2	3178		BNE	LD7C3
D811	A959	3179		LDA	#\$0059
D813	8D9601	3180	LD813:	STA	L0196
D816	A902	3181		LDA	#\$0002
D818	8D9801	3182		STA	L0198
D81B	208AC9	3183		JSR	LC98A
D81E	1006	3184		BPL	LD826
D820	EE9801	3185		INC	L0198
D823	4C32D7	3186	LD823:	JMP	LD732
D826	2940	3187	LD826:	AND	#\$0040
D828	F01A	3188		BEQ	LD844
D82A	A200	3189		LDX	#\$0000
D82C	A56E	3190		LDA	L006E
D82E	2904	3191		AND	#\$0004
D830	F00F	3192		BEQ	LD841
D832	246E	3193		BIT	L006E
D834	50ED	3194		BVC	LD823
D836	A000	3195		LDY	#\$0000
D838	B146	3196		LDA	(L0046),Y
D83A	CD9601	3197		CMP	L0196
D83D	D0E4	3198		BNE	LD823
D83F	A210	3199		LDX	#\$0010
D841	4C31D6	3200	LD841:	JMP	LD631
D844	EE9801	3201	LD844:	INC	L0198
D847	A56E	3202		LDA	L006E
D849	2920	3203		AND	#\$0020
D84B	F0D6	3204		BEQ	LD823
D84D	A208	3205		LDX	#\$0008
D84F	D0F0	3206		BNE	LD841
D851	A958	3207		LDA	#\$0058
D853	D0BE	3208		BNE	LD813
D855	A66F	3209		LDX	L006F
D857	F02A	3210		BEQ	LD883
D859	CA	3211		DEX	
D85A	F03B	3212		BEQ	LD897
D85C	CA	3213		DEX	
D85D	F041	3214		BEQ	LD8A0
D85F	CA	3215		DEX	
D860	F04C	3216		BEQ	LD8AE
D862	CA	3217		DEX	
D863	F052	3218		BEQ	LD8B7
D865	CA	3219		DEX	
D866	F062	3220		BEQ	LD8CA
D868	CA	3221		DEX	
D869	D003	3222		BNE	LD86E
D86B	4C7FD9	3223		JMP	LD97F
D86E	E05B	3224	LD86E:	CPX	#\$005B
D870	F00D	3225		BEQ	LD87F
D872	A938	3226		LDA	#\$0038
D874	8D5301	3227	LD874:	STA	L0153
D877	208BD2	3228		JSR	LD28B
D87A	A903	3229		LDA	#\$0003
D87C	4C02D6	3230		JMP	LD602
D87F	A918	3231	LD87F:	LDA	#\$0018

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D881	D0F1	3232		BNE	LD874
D883	A938	3233	LD883:	LDA	#\$0038
D885	8D5301	3234		STA	L0153
D888	A9E9	3235		LDA	#\$00E9
D88A	8D5401	3236	LD88A:	STA	L0154
D88D	A901	3237		LDA	#\$0001
D88F	8D5501	3238		STA	L0155
D892	A903	3239		LDA	#\$0003
D894	4C4FD2	3240	LD894:	JMP	LD24F
D897	A918	3241	LD897:	LDA	#\$0018
D899	8D5301	3242		STA	L0153
D89C	A969	3243		LDA	#\$0069
D89E	D0EA	3244		BNE	LD88A
D8A0	A9A9	3245	LD8A0:	LDA	#\$00A9
D8A2	8D5301	3246		STA	L0153
D8A5	A900	3247		LDA	#\$0000
D8A7	8D5401	3248	LD8A7:	STA	L0154
D8AA	A902	3249		LDA	#\$0002
D8AC	D0E6	3250		BNE	LD894
D8AE	A949	3251	LD8AE:	LDA	#\$0049
D8B0	8D5301	3252		STA	L0153
D8B3	A9FF	3253		LDA	#\$00FF
D8B5	30F0	3254		BMI	LD8A7
D8B7	BDC5D8	3255	LD8B7:	LDA	LD8C5,X
D8BA	9D5301	3256		STA	L0153,X
D8BD	E8	3257		INX	
D8BE	E005	3258		CPX	#\$0005
D8C0	D0F5	3259		BNE	LD8B7
D8C2	8A	3260		TXA	
D8C3	D0CF	3261		BNE	LD894
D8C5	18	3262	LD8C5:	CLC	
D8C6	49FF	3263		EOR	#\$00FF
D8C8	6901	3264		ADC	#\$0001
D8CA	A908	3265	LD8CA:	LDA	#\$0008
D8CC	8D9801	3266		STA	L0198
D8CF	208AC9	3267		JSR	LC98A
D8D2	3041	3268		BMI	LD915
D8D4	2904	3269		AND	#\$0004
D8D6	F03D	3270		BEQ	LD915
D8D8	A56E	3271		LDA	L006E
D8DA	2940	3272		AND	#\$0040
D8DC	F04E	3273		BEQ	LD92C
D8DE	A562	3274		LDA	L0062
D8E0	C9FF	3275		CMP	#\$00FF
D8E2	F03A	3276		BEQ	LD91E
D8E4	857D	3277		STA	L007D
D8E6	208AC9	3278		JSR	LC98A
D8E9	302A	3279		BMI	LD915
D8EB	2960	3280		AND	#\$0060
D8ED	F026	3281		BEQ	LD915
D8EF	A9A9	3282		LDA	#\$00A9
D8F1	8D5301	3283		STA	L0153
D8F4	8D5701	3284		STA	L0157
D8F7	A985	3285		LDA	#\$0085

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D8F9	8D5501	3286		STA	L0155
D8FC	8D5901	3287		STA	L0159
D8FF	A67D	3288		LDX	L007D
D901	8E5601	3289		STX	L0156
D904	E8	3290		INX	
D905	8E5A01	3291		STX	L015A
D908	A562	3292		LDA	L0062
D90A	8D5401	3293		STA	L0154
D90D	A563	3294		LDA	L0063
D90F	8D5801	3295		STA	L0158
D912	4CE6D9	3296		JMP	LD9E6
D915	EE9801	3297	LD915:	INC	L0198
D918	EE9801	3298		INC	L0198
D91B	4C58D2	3299		JMP	LD258
D91E	EE9801	3300	LD91E:	INC	L0198
D921	EE9801	3301		INC	L0198
D924	A942	3302		LDA	#\$0042
D926	205DD2	3303		JSR	LD25D
D929	4CE6D9	3304		JMP	LD9E6
D92C	A56E	3305	LD92C:	LDA	L006E
D92E	2920	3306		AND	#\$0020
D930	F0E3	3307		BEQ	LD915
D932	A562	3308		LDA	L0062
D934	857D	3309		STA	L007D
D936	A563	3310		LDA	L0063
D938	857E	3311		STA	L007E
D93A	208AC9	3312		JSR	LC98A
D93D	30D6	3313		BMI	LD915
D93F	2960	3314		AND	#\$0060
D941	F0D2	3315	LD941:	BEQ	LD915
D943	A90A	3316		LDA	#\$000A
D945	8D9801	3317		STA	L0198
D948	A9A9	3318		LDA	#\$00A9
D94A	8D5301	3319		STA	L0153
D94D	8D5801	3320		STA	L0158
D950	A98D	3321		LDA	#\$008D
D952	8D5501	3322		STA	L0155
D955	8D5A01	3323		STA	L015A
D958	A57D	3324		LDA	L007D
D95A	8D5601	3325		STA	L0156
D95D	A57E	3326		LDA	L007E
D95F	8D5701	3327		STA	L0157
D962	E67D	3328		INC	L007D
D964	D002	3329		BNE	LD968
D966	E67E	3330		INC	L007E
D968	A57D	3331	LD968:	LDA	L007D
D96A	8D5B01	3332		STA	L015B
D96D	A57E	3333		LDA	L007E
D96F	8D5C01	3334		STA	L015C
D972	A562	3335		LDA	L0062
D974	8D5401	3336		STA	L0154
D977	A563	3337		LDA	L0063
D979	8D5901	3338		STA	L0159
D97C	4CE6D9	3339		JMP	LD9E6

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D97F	A906	3340	LD97F:	LDA	#\$0006
D981	8D9801	3341		STA	L0198
D984	208AC9	3342		JSR	LC98A
D987	308C	3343		BMI	LD915
D989	2940	3344		AND	#\$0040
D98B	F022	3345		BEQ	LD9AF
D98D	A662	3346		LDX	L0062
D98F	E0FF	3347		CPX	#\$00FF
D991	F08B	3348		BEQ	LD91E
D993	8E5401	3349		STX	L0154
D996	E8	3350		INX	
D997	8E5801	3351		STX	L0158
D99A	A9E6	3352		LDA	#\$00E6
D99C	8D5301	3353		STA	L0153
D99F	8D5701	3354		STA	L0157
D9A2	A9D0	3355		LDA	#\$00D0
D9A4	8D5501	3356		STA	L0155
D9A7	A902	3357		LDA	#\$0002
D9A9	8D5601	3358		STA	L0156
D9AC	4CE6D9	3359		JMP	LD9E6
D9AF	A908	3360	LD9AF:	LDA	#\$0008
D9B1	8D9801	3361		STA	L0198
D9B4	A56E	3362		LDA	L006E
D9B6	2920	3363		AND	#\$0020
D9B8	F087	3364		BEQ	LD941
D9BA	A562	3365		LDA	L0062
D9BC	8D5401	3366		STA	L0154
D9BF	A563	3367		LDA	L0063
D9C1	8D5501	3368		STA	L0155
D9C4	E662	3369		INC	L0062
D9C6	D002	3370		BNE	LD9CA
D9C8	E663	3371		INC	L0063
D9CA	A562	3372	LD9CA:	LDA	L0062
D9CC	8D5901	3373		STA	L0159
D9CF	A563	3374		LDA	L0063
D9D1	8D5A01	3375		STA	L015A
D9D4	A9D0	3376		LDA	#\$00D0
D9D6	8D5601	3377		STA	L0156
D9D9	A903	3378		LDA	#\$0003
D9DB	8D5701	3379		STA	L0157
D9DE	A9EE	3380		LDA	#\$00EE
D9E0	8D5301	3381		STA	L0153
D9E3	8D5801	3382		STA	L0158
D9E6	207DDC	3383	LD9E6:	JSR	LDC7D
D9E9	A592	3384		LDA	L0092
D9EB	F010	3385		BEQ	LD9FD
D9ED	A907	3386		LDA	#\$0007
D9EF	854A	3387		STA	L004A
D9F1	A905	3388		LDA	#\$0005
D9F3	854B	3389		STA	L004B
D9F5	A590	3390		LDA	L0090
D9F7	20A8C6	3391		JSR	LC6A8
D9FA	4C0FDA	3392		JMP	LDA0F
D9FD	A906	3393	LD9FD:	LDA	#\$0006

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D9FF	854A	3394		STA	L004A
DA01	A905	3395		LDA	#\$0005
DA03	854B	3396		STA	L004B
DA05	A597	3397		LDA	L0097
DA07	20A8C6	3398		JSR	LC6A8
DA0A	A596	3399		LDA	L0096
DA0C	20A8C6	3400		JSR	LC6A8
DA0F	A90B	3401	LDA0F:	LDA	#\$000B
DA11	854A	3402		STA	L004A
DA13	A905	3403		LDA	#\$0005
DA15	854B	3404		STA	L004B
DA17	AD9801	3405		LDA	L0198
DA1A	F021	3406		BEQ	LDA3D
DA1C	C905	3407		CMP	#\$0005
DA1E	9002	3408		BCC	LDA22
DA20	A904	3409		LDA	#\$0004
DA22	857D	3410	LDA22:	STA	L007D
DA24	A953	3411		LDA	#\$0053
DA26	8565	3412		STA	L0065
DA28	A901	3413		LDA	#\$0001
DA2A	8566	3414		STA	L0066
DA2C	A000	3415	LDA2C:	LDY	#\$0000
DA2E	B165	3416		LDA	(L0065),Y
DA30	E665	3417		INC	L0065
DA32	D002	3418		BNE	LDA36
DA34	E666	3419		INC	L0066
DA36	20A8C6	3420	LDA36:	JSR	LC6A8
DA39	C67D	3421		DEC	L007D
DA3B	D0EF	3422		BNE	LDA2C
DA3D	E671	3423	LDA3D:	INC	L0071
DA3F	D002	3424		BNE	LDA43
DA41	E672	3425		INC	L0072
DA43	D004	3426	LDA43:	BNE	LDA49
DA45	A901	3427		LDA	#\$0001
DA47	8589	3428		STA	L0089
DA49	E673	3429	LDA49:	INC	L0073
DA4B	D002	3430		BNE	LDA4F
DA4D	E674	3431		INC	L0074
DA4F	D004	3432	LDA4F:	BNE	LDA55
DA51	A900	3433		LDA	#\$0000
DA53	8589	3434		STA	L0089
DA55	A901	3435	LDA55:	LDA	#\$0001
DA57	A205	3436		LDX	#\$0005
DA59	20E3DB	3437		JSR	LDBE3
DA5C	AD9701	3438		LDA	L0197
DA5F	F007	3439		BEQ	LDA68
DA61	A99C	3440		LDA	#\$009C
DA63	A201	3441		LDX	#\$0001
DA65	20E3DB	3442		JSR	LDBE3
DA68	A592	3443	LDA68:	LDA	L0092
DA6A	F016	3444		BEQ	LDA82
DA6C	A590	3445		LDA	L0090
DA6E	18	3446		CLC	
DA6F	6D9801	3447		ADC	L0198

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DA72	B006	3448		BCS	LDA7A
DA74	18	3449		CLC	
DA75	6D9A01	3450		ADC	L019A
DA78	9003	3451		BCC	LDA7D
DA7A	4C6ADC	3452	LDA7A:	JMP	LDC6A
DA7D	8590	3453	LDA7D:	STA	L0090
DA7F	4C99DA	3454		JMP	LDA99
DA82	A596	3455	LDA82:	LDA	L0096
DA84	18	3456		CLC	
DA85	6D9801	3457		ADC	L0198
DA88	9002	3458		BCC	LDA8C
DA8A	E697	3459		INC	L0097
DA8C	18	3460	LDA8C:	CLC	
DA8D	6D9A01	3461		ADC	L019A
DA90	8596	3462		STA	L0096
DA92	A597	3463		LDA	L0097
DA94	6D9B01	3464		ADC	L019B
DA97	8597	3465		STA	L0097
DA99	EE9301	3466	LDA99:	INC	L0193
DA9C	F003	3467		BEQ	LDAA1
DA9E	4CABD0	3468		JMP	LD0AB
DAA1	A58A	3469	LDAA1:	LDA	L008A
DAA3	F003	3470		BEQ	LDAA8
DAA5	20BFDC	3471		JSR	LDCBF
DAA8	A589	3472	LDAA8:	LDA	L0089
DAAA	D001	3473		BNE	LDAAD
DAAC	60	3474		RTS	
DAAD	A57F	3475	LDAAD:	LDA	L007F
DAAF	49FF	3476		EOR	#\$00FF
DAB1	8587	3477		STA	L0087
DAB3	A580	3478		LDA	L0080
DAB5	49FF	3479		EOR	#\$00FF
DAB7	8588	3480		STA	L0088
DAB9	A585	3481		LDA	L0085
DABB	85FD	3482		STA	L00FD
DABD	A586	3483		LDA	L0086
DABF	85FE	3484		STA	L00FE
DAC1	A000	3485		LDY	#\$0000
DAC3	A59B	3486		LDA	L009B
DAC5	38	3487	LDAC5:	SEC	
DAC6	E90D	3488		SBC	#\$000D
DAC8	3003	3489		BMI	LDACD
DACA	C8	3490		INY	
DACB	D0F8	3491		BNE	LDAC5
DACD	8CB704	3492	LDACD:	STY	L04B7
DAD0	E687	3493		INC	L0087
DAD2	D002	3494		BNE	LDAD6
DAD4	E688	3495		INC	L0088
DAD6	D003	3496	LDAD6:	BNE	LDADB
DAD8	4C87DB	3497		JMP	LDB87
DADB	A59A	3498	LDADB:	LDA	L009A
DADD	F011	3499		BEQ	LDAF0
DADF	ADBA04	3500		LDA	L04BA
DAE2	C905	3501		CMP	#\$0005

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DAE4	B00A	3502		BCS	LDAF0
DAE6	20BDDDB	3503	LDAE6:	JSR	LDBBD
DAE9	ADBA04	3504		LDA	L04BA
DAEC	C59A	3505		CMP	L009A
DAEE	D0F6	3506		BNE	LDAE6
DAF0	20BDDDB	3507	LDAF0:	JSR	LDBBD
DAF3	20C3DB	3508		JSR	LDBC3
DAF6	A9AE	3509		LDA	#\$00AE
DAF8	A2DE	3510		LDX	#\$00DE
DAFA	20EADB	3511		JSR	LDBEA
DAFD	20C3DB	3512		JSR	LDBC3
DB00	20BDDDB	3513		JSR	LDBBD
DB03	ADB704	3514	LDB03:	LDA	L04B7
DB06	8DB804	3515		STA	L04B8
DB09	A901	3516		LDA	#\$0001
DB0B	8546	3517		STA	L0046
DB0D	A905	3518		LDA	#\$0005
DB0F	8547	3519		STA	L0047
DB11	A200	3520	LDB11:	LDX	#\$0000
DB13	A000	3521		LDY	#\$0000
DB15	A1FD	3522	LDB15:	LDA	(L00FD,X)
DB17	E6FD	3523		INC	L00FD
DB19	D002	3524		BNE	LDB1D
DB1B	E6FE	3525		INC	L00FE
DB1D	9146	3526	LDB1D:	STA	(L0046),Y
DB1F	C8	3527		INY	
DB20	C006	3528		CPY	#\$0006
DB22	90F1	3529		BCC	LDB15
DB24	A920	3530		LDA	#\$0020
DB26	9146	3531		STA	(L0046),Y
DB28	C8	3532		INY	
DB29	A1FD	3533		LDA	(L00FD,X)
DB2B	48	3534		PHA	
DB2C	E6FD	3535		INC	L00FD
DB2E	D002	3536		BNE	LDB32
DB30	E6FE	3537		INC	L00FE
DB32	A1FD	3538	LDB32:	LDA	(L00FD,X)
DB34	E6FD	3539		INC	L00FD
DB36	D002	3540		BNE	LDB3A
DB38	E6FE	3541		INC	L00FE
DB3A	20A6DB	3542	LDB3A:	JSR	LDBA6
DB3D	9146	3543		STA	(L0046),Y
DB3F	C8	3544		INY	
DB40	8A	3545		TXA	
DB41	9146	3546		STA	(L0046),Y
DB43	C8	3547		INY	
DB44	68	3548		PLA	
DB45	20A6DB	3549		JSR	LDBA6
DB48	9146	3550		STA	(L0046),Y
DB4A	C8	3551		INY	
DB4B	8A	3552		TXA	
DB4C	9146	3553		STA	(L0046),Y
DB4E	C8	3554		INY	
DB4F	A920	3555		LDA	#\$0020

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DB51	9146	3556		STA	(L0046),Y
DB53	C8	3557		INY	
DB54	9146	3558		STA	(L0046),Y
DB56	E687	3559		INC	L0087
DB58	D002	3560		BNE	LDB5C
DB5A	E688	3561		INC	L0088
DB5C	F01E	3562	LDB5C:	BEQ	LDB7C
DB5E	2092D2	3563	LDB5E:	JSR	LD292
DB61	88	3564		DEY	
DB62	10FA	3565		BPL	LDB5E
DB64	C8	3566		INY	
DB65	CEB804	3567		DEC	L04B8
DB68	D0A7	3568		BNE	LDB11
DB6A	A90D	3569		LDA	#\$000D
DB6C	9146	3570		STA	(L0046),Y
DB6E	A901	3571		LDA	#\$0001
DB70	A205	3572		LDX	#\$0005
DB72	855C	3573		STA	L005C
DB74	20EADB	3574		JSR	LDBEA
DB77	A55C	3575		LDA	L005C
DB79	4C03DB	3576		JMP	LDB03
DB7C	A90D	3577	LDB7C:	LDA	#\$000D
DB7E	9146	3578		STA	(L0046),Y
DB80	A901	3579		LDA	#\$0001
DB82	A205	3580		LDX	#\$0005
DB84	20EADB	3581		JSR	LDBEA
DB87	ADBA04	3582	LDB87:	LDA	L04BA
DB8A	C59A	3583		CMP	L009A
DB8C	F015	3584		BEQ	LDBA3
DB8E	EEBA04	3585		INC	L04BA
DB91	EEBA04	3586		INC	L04BA
DB94	2062DC	3587	LDB94:	JSR	LDC62
DB97	CEBA04	3588		DEC	L04BA
DB9A	D0F8	3589		BNE	LDB94
DB9C	A59D	3590		LDA	L009D
DB9E	F003	3591		BEQ	LDBA3
DBA0	20C9DB	3592		JSR	LDBC9
DBA3	4C65C0	3593	LDBA3:	JMP	LC065
DBA6	48	3594	LDBA6:	PHA	
DBA7	20B0DB	3595		JSR	LDBB0
DBAA	AA	3596		TAX	
DBAB	68	3597		PLA	
DBAC	6A	3598		ROR	A
DBAD	6A	3599		ROR	A
DBAE	6A	3600		ROR	A
DBAF	6A	3601		ROR	A
DBB0	290F	3602	LDBB0:	AND	#\$000F
DBB2	C90A	3603		CMP	#\$000A
DBB4	9003	3604		BCC	LDBB9
DBB6	18	3605		CLC	
DBB7	6907	3606		ADC	#\$0007
DBB9	18	3607	LDBB9:	CLC	
DBBA	6930	3608		ADC	#\$0030
DBBC	60	3609		RTS	

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DBBD	A920	3610	LDBBD:	LDA	#\$0020
DBBF	A202	3611		LDX	#\$0002
DBC1	D00A	3612		BNE	LDBCD
DBC3	A92A	3613	LDBC3:	LDA	#\$002A
DBC5	A21D	3614		LDX	#\$001D
DBC7	D004	3615		BNE	LDBCD
DBC9	A92D	3616	LDBC9:	LDA	#\$002D
DBC B	A69B	3617		LDX	L009B
DBCD	48	3618	LBCD:	PHA	
DBCE	A589	3619		LDA	L0089
DBD0	F00B	3620		BEQ	LDBDD
DBD2	200CF8	3621		JSR	OUTPCR
DBD5	68	3622		PLA	
DBD6	48	3623		PHA	
DBD7	20B7D2	3624	LDBD7:	JSR	LD2B7
DBDA	CA	3625		DEX	
DBDB	D0FA	3626		BNE	LDBD7
DBDD	68	3627	LDBDD:	PLA	
DBDE	C92D	3628		CMP	#\$002D
DBE0	D00B	3629		BNE	LDBED
DBE2	60	3630		RTS	
DBE3	48	3631	LDBE3:	PHA	
DBE4	AD9701	3632		LDA	L0197
DBE7	D012	3633		BNE	LDBFB
DBE9	68	3634		PLA	
DBEA	20A2DE	3635	LDBEA:	JSR	LDEA2
DBED	A59A	3636	LDBED:	LDA	L009A
DBEF	D023	3637		BNE	LDC14
DBF1	A589	3638		LDA	L0089
DBF3	F005	3639		BEQ	LDBFA
DBF5	ADBB04	3640		LDA	L04BB
DBF8	D008	3641		BNE	LDC02
DBFA	60	3642	LDBFA:	RTS	
DBFB	68	3643	LDBFB:	PLA	
DBFC	2011C1	3644		JSR	LC111
DBFF	4CEDDB	3645		JMP	LDBED
DC02	CEBB04	3646	LDC02:	DEC	L04BB
DC05	D0F3	3647		BNE	LDBFA
DC07	A59C	3648		LDA	L009C
DC09	8DBB04	3649		STA	L04BB
DC0C	20D1D2	3650		JSR	LD2D1
DC0F	900000000000	3651		BCC	LDBFA
DC11	4C65C0	3652		JMP	LC065
DC14	CEBA04	3653	LDC14:	DEC	L04BA
DC17	D0E1	3654		BNE	LDBFA
DC19	8DBA04	3655		STA	L04BA
DC1C	2062DC	3656		JSR	LDC62
DC1F	2062DC	3657		JSR	LDC62
DC22	A59D	3658		LDA	L009D
DC24	F006	3659		BEQ	LDC2C
DC26	20C9DB	3660		JSR	LDBC9
DC29	4C2FDC	3661		JMP	LDC2F

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DC2C	2062DC	3662	LDC2C:	JSR	LDC62
DC2F	2062DC	3663	LDC2F:	JSR	LDC62
DC32	EEB904	3664		INC	L04B9
DC35	ADB904	3665		LDA	L04B9
DC38	A2B0	3666		LDX	#\$00B0
DC3A	38	3667	LDC3A:	SEC	
DC3B	E964	3668		SBC	#\$0064
DC3D	9003	3669		BCC	LDC42
DC3F	E8	3670		INX	
DC40	D0F8	3671		BNE	LDC3A
DC42	18	3672	LDC42:	CLC	
DC43	6964	3673		ADC	#\$0064
DC45	8ECC04	3674		STX	L04CC
DC48	A2B0	3675		LDX	#\$00B0
DC4A	38	3676	LDC4A:	SEC	
DC4B	E90A	3677		SBC	#\$000A
DC4D	9003	3678		BCC	LDC52
DC4F	E8	3679		INX	
DC50	D0F8	3680		BNE	LDC4A
DC52	18	3681	LDC52:	CLC	
DC53	69BA	3682		ADC	#\$00BA
DC55	8ECD04	3683		STX	L04CD
DC58	8DCE04	3684		STA	L04CE
DC5B	A9C7	3685		LDA	#\$00C7
DC5D	A204	3686		LDX	#\$0004
DC5F	20A2DE	3687		JSR	LDEA2
DC62	A589	3688	LDC62:	LDA	L0089
DC64	F003	3689		BEQ	LDC69
DC66	200CF8	3690		JSR	OUTPCR
DC69	60	3691	LDC69:	RTS	
DC6A	A901	3692	LDC6A:	LDA	#\$0001
DC6C	A205	3693		LDX	#\$0005
DC6E	2011C1	3694		JSR	LC111
DC71	A9FF	3695		LDA	#\$00FF
DC73	A2CD	3696		LDX	#\$00CD
DC75	20EADB	3697		JSR	LDBEA
DC78	A900	3698		LDA	#\$0000
DC7A	4C7DDA	3699		JMP	LDA7D
DC7D	A58A	3700	LDC7D:	LDA	L008A
DC7F	F03D	3701		BEQ	LDCBE
DC81	AD9801	3702	LDC81:	LDA	L0198
DC84	F038	3703		BEQ	LDCBE
DC86	8DBC04	3704		STA	L04BC
DC89	18	3705		CLC	
DC8A	6DBD04	3706		ADC	L04BD
DC8D	1006	3707		BPL	LDC95
DC8F	20BFDC	3708		JSR	LDCBF
DC92	4C81DC	3709		JMP	LDC81
DC95	8DBD04	3710	LDC95:	STA	L04BD
DC98	8D0504	3711		STA	L0405
DC9B	A953	3712		LDA	#\$0053
DC9D	8556	3713		STA	L0056
DC9F	A901	3714		LDA	#\$0001
DCA1	8557	3715		STA	L0057

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DCA3	A000	3716		LDY	#\$0000
DCA5	A200	3717		LDX	#\$0000
DCA7	B156	3718	LDCA7:	LDA	(L0056),Y
DCA9	8144	3719		STA	(L0044,X)
DCAB	18	3720		CLC	
DCAC	6D0004	3721		ADC	L0400
DCAF	8D0004	3722		STA	L0400
DCB2	E644	3723		INC	L0044
DCB4	D002	3724		BNE	LDCB8
DCB6	E645	3725		INC	L0045
DCB8	C8	3726	LDCB8:	INY	
DCB9	CEBC04	3727		DEC	L04BC
DCBC	D0E9	3728		BNE	LDCA7
DCBE	60	3729	LDCBE:	RTS	
DCBF	ACBD04	3730	LDCBF:	LDY	L04BD
DCC2	F040	3731		BEQ	LDD04
DCC4	A592	3732		LDA	L0092
DCC6	D03C	3733		BNE	LDD04
DCC8	A5F2	3734		LDA	L00F2
DCCA	D015	3735		BNE	LDCE1
DCCC	AD0204	3736		LDA	L0402
DCCF	8540	3737		STA	L0040
DCD1	AD0304	3738		LDA	L0403
DCD4	8541	3739		STA	L0041
DCD6	88	3740	LDCD6:	DEY	
DCD7	B90604	3741	LDCD7:	LDA	L0406,Y
DCDA	9140	3742		STA	(L0040),Y
DCDC	88	3743		DEY	
DCDD	10F8	3744		BPL	LDCD7
DCDF	3014	3745		BMI	LDCF5
DCE1	A542	3746	LDCE1:	LDA	L0042
DCE3	8540	3747		STA	L0040
DCE5	18	3748		CLC	
DCE6	6DBD04	3749		ADC	L04BD
DCE9	8542	3750		STA	L0042
DCEB	A543	3751		LDA	L0043
DCED	8541	3752		STA	L0041
DCEF	9000000	3753		BCC	LDCD6
DCF1	E643	3754		INC	L0043
DCF3	D0E1	3755		BNE	LDCD6
DCF5	ADBD04	3756	LDCF5:	LDA	L04BD
DCF8	18	3757		CLC	
DCF9	6D0204	3758		ADC	L0402
DCFC	8D0204	3759		STA	L0402
DCFF	9003	3760		BCC	LDD04
DD01	EE0304	3761		INC	L0403
DD04	A900	3762	LDD04:	LDA	#\$0000
DD06	8DBD04	3763		STA	L04BD
DD09	8D0004	3764		STA	L0400
DD0C	8D0504	3765		STA	L0405
DD0F	A906	3766		LDA	#\$0006
DD11	8544	3767		STA	L0044
DD13	A904	3768		LDA	#\$0004

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DD15	8545	3769		STA	L0045	
DD17	60	3770		RTS		
DD18	A58A	3771	LDD18:	LDA	L008A	
DD1A	F055	3772		BEQ	LDD71	
DD1C	20BFDC	3773		JSR	LDCBF	
DD1F	A592	3774		LDA	L0092	
DD21	F00C	3775		BEQ	LDD2F	
DD23	A590	3776		LDA	L0090	
DD25	8DBF04	3777		STA	L04BF	
DD28	A900	3778		LDA	#\$0000	
DD2A	8DC004	3779		STA	L04C0	
DD2D	F00A	3780		BEQ	LDD39	
DD2F	A596	3781	LDD2F:	LDA	L0096	
DD31	8DBF04	3782		STA	L04BF	
DD34	A597	3783		LDA	L0097	
DD36	8DC004	3784		STA	L04C0	
DD39	AD9A01	3785	LDD39:	LDA	L019A	
DD3C	8DC404	3786		STA	L04C4	
DD3F	AD9B01	3787		LDA	L019B	
DD42	8DC504	3788		STA	L04C5	
DD45	A900	3789		LDA	#\$0000	
DD47	8DC204	3790		STA	L04C2	
DD4A	A592	3791		LDA	L0092	
DD4C	D023	3792		BNE	LDD71	
DD4E	A5F2	3793		LDA	L00F2	
DD50	F00C	3794		BEQ	LDD5E	
DD52	A542	3795		LDA	L0042	
DD54	18	3796		CLC		
DD55	6D9A01	3797		ADC	L019A	
DD58	8542	3798		STA	L0042	
DD5A	A543	3799		LDA	L0043	
DD5C	D00D	3800		BNE	LDD6B	
DD5E	AD0204	3801	LDD5E:	LDA	L0402	
DD61	18	3802		CLC		
DD62	6D9A01	3803		ADC	L019A	
DD65	8D0204	3804		STA	L0402	
DD68	AD0304	3805		LDA	L0403	
DD6B	6D9B01	3806	LDD6B:	ADC	L019B	
DD6E	8D0304	3807		STA	L0403	
DD71	60	3808	LDD71:	RTS		
DD72	2098DE	3809	LDD72:	JSR	LDE98	
DD75	D033	3810		BNE	LDDAA	
DD77	2098DE	3811	LDD77:	JSR	LDE98	
DD7A	D044	3812		BNE	LDDC0	
DD7C	4C8FC0	3813	LDD7C:	JMP	LC08F	Look for next command O COMMAND
DD7F	A2FF	3814		LDX	#\$00FF	
DD81	20BFD2	3815	LDD81:	JSR	LD2BF	Output char
DD84	E8	3816		INX		
DD85	E007	3817		CPX	#\$0007	max chars is 7
DD87	F0F3	3818		BEQ	LDD7C	
DD89	C92E	3819		CMP	#\$002E	.?
DD8B	D0F4	3820		BNE	LDD81	

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DD8D	8A	3821		TXA		
DD8E	D05C	3822		BNE	LDDEC	branch if suffices present
DD90	A90C	3823		LDA	#\$000C	Page clear
DD92	20B7D2	3824		JSR	LD2B7	Output char
DD95	A962	3825		LDA	#\$0062	
DD97	A2DE	3826		LDX	#\$00DE	
DD99	20DEDD	3827		JSR	LDDDE	
DD9C	A5F2	3828		LDA	L00F2	
DD9E	F0D2	3829		BEQ	LDD72	
DDA0	A543	3830		LDA	L0043	
DDA2	201AF8	3831		JSR	HEXPNT	
DDA5	A542	3832		LDA	L0042	HEXPNT
DDA7	201AF8	3833		JSR	HEXPNT	
DDAA	A96F	3834	LDDAA:	LDA	#\$006F	HEXPNT
DDAC	A2DE	3835		LDX	#\$00DE	
DDAE	20DEDD	3836		JSR	LDDDE	
DDB1	A59D	3837		LDA	L009D	
DDB3	F0C2	3838		BEQ	LDD77	
DDB5	A203	3839		LDX	#\$0003	
DDB7	BD94DE	3840	LDDB7:	LDA	LDE94,X	
DDBA	20B7D2	3841		JSR	LD2B7	
DDBD	CA	3842		DEX		
DDBE	D0F7	3843		BNE	LDDB7	
DDC0	A97E	3844	LDDC0:	LDA	#\$007E	
DDC2	A2DE	3845		LDX	#\$00DE	
DDC4	20DEDD	3846		JSR	LDDDE	
DDC7	A59B	3847		LDA	L009B	
DDC9	201AF8	3848		JSR	HEXPNT	
DDCC	A989	3849		LDA	#\$0089	
DDCE	A2DE	3850		LDX	#\$00DE	
DDD0	20DEDD	3851		JSR	LDDDE	
DDD3	A59A	3852		LDA	L009A	
DDD5	201AF8	3853		JSR	HEXPNT	
DDD8	200CF8	3854		JSR	OUTPCR	
DDDB	4C65C0	3855		JMP	LC065	
DDDE	2011C1	3856	LDDDE:	JSR	LC111	
DDE1	A920	3857		LDA	#\$0020	
DDE3	A403	3858		LDY	L0003	
DDE5	910A	3859		STA	(L000A),Y	
DDE7	A014	3860		LDY	#\$0014	
DDE9	8403	3861		STY	L0003	
DDEB	60	3862		RTS		
O COMMAND + Suffix						
DDEC	A002	3863	LDDEC:	LDY	#\$0002	
DDEE	B10A	3864		LDA	(L000A),Y	
DDF0	C952	3865		CMP	#\$0052	R?
DDF2	D01B	3866		BNE	LDE0F	
DDF4	E001	3867		CPX	#\$0001	
DDF6	F012	3868		BEQ	LDE0A	
DDF8	2017F8	3869		JSR	HEXPCK	HEXPCK
DDFB	5049	3870		BVC	LDE46	
DDFD	A513	3871		LDA	L0013	
DDFF	8542	3872		STA	L0042	
DE01	A514	3873		LDA	L0014	

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DE03	8543	3874		STA	L0043	
DE05	84F2	3875		STY	L00F2	
DE07	4C65C0	3876	LDE07:	JMP	LC065	
DE0A	CA	3877	LDE0A:	DEX		
DE0B	86F2	3878		STX	L00F2	
DE0D	F0F8	3879		BEQ	LDE07	
DE0F	C950	3880	LDE0F:	CMP	#\$0050	P?
DE11	D014	3881		BNE	LDE27	
DE13	E001	3882		CPX	#\$0001	
DE15	F00B	3883		BEQ	LDE22	
DE17	C8	3884		INY		
DE18	B10A	3885		LDA	(L000A),Y	
DE1A	C94E	3886		CMP	#\$004E	N?
DE1C	D028	3887		BNE	LDE46	
DE1E	849D	3888		STY	L009D	
DE20	F0E5	3889		BEQ	LDE07	
DE22	CA	3890	LDE22:	DEX		
DE23	869D	3891		STX	L009D	
DE25	F0E0	3892		BEQ	LDE07	
DE27	C957	3893	LDE27:	CMP	#\$0057	W?
DE29	D01E	3894		BNE	LDE49	
DE2B	E001	3895		CPX	#\$0001	
DE2D	F00B	3896		BEQ	LDE3A	
DE2F	2017F8	3897		JSR	HEXPCK	
DE32	5012	3898		BVC	LDE46	
DE34	A513	3899		LDA	L0013	
DE36	859B	3900		STA	L009B	
DE38	D0CD	3901		BNE	LDE07	
DE3A	A920	3902	LDE3A:	LDA	#\$0020	
DE3C	A60B	3903		LDX	L000B	
DE3E	1002	3904		BPL	LDE42	
DE40	A940	3905		LDA	#\$0040	
DE42	859B	3906	LDE42:	STA	L009B	
DE44	D0C1	3907		BNE	LDE07	
DE46	4C8FC0	3908	LDE46:	JMP	LC08F	
DE49	C94C	3909	LDE49:	CMP	#\$004C	L?
DE4B	D0F9	3910		BNE	LDE46	
DE4D	E001	3911		CPX	#\$0001	
DE4F	F00B	3912		BEQ	LDE5C	
DE51	2017F8	3913		JSR	HEXPCK	Hexpack
DE54	50F0	3914		BVC	LDE46	
DE56	A513	3915		LDA	L0013	
DE58	859A	3916		STA	L009A	
DE5A	D0AB	3917		BNE	LDE07	
DE5C	A900	3918	LDE5C:	LDA	#\$0000	
DE5E	859A	3919		STA	L009A	
DE60	F0A5	3920		BEQ	LDE07	
DE62	52	3921		DEFB	\$52	ROM assembly
DE63	4F	3922		DEFB	\$4F	
DE64	4D2061	3923		DEFB	\$4D,\$20,\$61	
DE67	73	3924		DEFB	\$73	
DE68	73	3925		DEFB	\$73	

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DE69	656D	3926		DEFB	\$65,\$6D	
DE6B	62	3927		DEFB	\$62	
DE6C	6C790D	3928		DEFB	\$6C,\$79,\$0D	
DE6F	5061	3929		DEFB	\$50,\$61	Page numbering
DE71	67	3930		DEFB	\$67	
DE72	6520	3931		DEFB	\$65,\$20	
DE74	6E756D	3932		DEFB	\$6E,\$75,\$6D	
DE77	62	3933		DEFB	\$62	
DE78	6572	3934		DEFB	\$65,\$72	
DE7A	696E	3935		DEFB	\$69,\$6E	
DE7C	67	3936		DEFB	\$67	
DE7D	0D5061	3937		DEFB	\$0D,\$50,\$61	Page width
DE80	67	3938		DEFB	\$67	
DE81	6520	3939		DEFB	\$65,\$20	
DE83	77	3940		DEFB	\$77	
DE84	6964	3941		DEFB	\$69,\$64	
DE86	74	3942		DEFB	\$74	
DE87	68	3943		DEFB	\$68	
DE88	0D5061	3944		DEFB	\$0D,\$50,\$61	Page length
DE8B	67	3945		DEFB	\$67	
DE8C	6520	3946		DEFB	\$65,\$20	
DE8E	6C656E	3947		DEFB	\$6C,\$65,\$6E	
DE91	67	3948		DEFB	\$67	
DE92	74	3949		DEFB	\$74	
DE93	680D	3950		DEFB	\$68,\$0D	
DE94	736559	3951	LDE94:	DEFB	\$73,\$65,\$59	
DE98	A94E	3952	LDE98:	LDA	#\$004E	
DE9A	20B7D2	3953		JSR	LD2B7	
DE9D	A96F	3954		LDA	#\$006F	
DE9F	4CB7D2	3955		JMP	LD2B7	
DEA2	48	3956	LDEA2:	PHA		
DEA3	A589	3957		LDA	L0089	
DEA5	F005	3958		BEQ	LDEAC	
DEA7	68	3959		PLA		
DEA8	48	3960		PHA		
DEA9	2011C1	3961		JSR	LC111	
DEAC	68	3962	LDEAC:	PLA		
DEAD	60	3963		RTS		
DEAE	2A	3964		DEFB	\$2A	
DEAF	202053	3965		DEFB	\$20,\$20,\$53	SYMBOL TABLE
DEB2	205920	3966		DEFB	\$20,\$59,\$20	
DEB5	4D2042	3967		DEFB	\$4D,\$20,\$42	
DEB8	204F20	3968		DEFB	\$20,\$4F,\$20	
DEBB	4C2020	3969		DEFB	\$4C,\$20,\$20	
DEBE	205420	3970		DEFB	\$20,\$54,\$20	
37226	4120	3971		DEFB	\$41,\$20	
37956	42	3972		DEFB	\$42	
38322	204C20	3973		DEFB	\$20,\$4C,\$20	
39417	4520	3974		DEFB	\$45,\$20	
40148	202A0D	3975		DEFB	\$20,\$2A,\$0D	
DECC	D4	3976		DEFB	\$D4	
DECD	A04D	3977		DEFB	\$A0,\$4D	
DECF	D2	3978		DEFB	\$D2	
DED0	D0B3	3979		DEFB	\$D0,\$B3	

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DED2	C1D3	3980	DEFB	\$C1,\$D3
DED4	D4	3981	DEFB	\$D4
DED5	B2	3982	DEFB	\$B2
DED6	4F	3983	DEFB	\$4F
DED7	D2	3984	DEFB	\$D2
DED8	D0B3	3985	DEFB	\$D0,\$B3
DEDA	C3	3986	DEFB	\$C3
DEDB	B1A0	3987	DEFB	\$B1,\$A0
DEDD	A000	3988	DEFB	\$A0,\$00
DEDF	D6D0	3989	DEFB	\$D6,\$D0
DEE1	B3	3990	DEFB	\$B3
DEE2	C3	3991	DEFB	\$C3
DEE3	B1C5	3992	DEFB	\$B1,\$C5
DEE5	A06B	3993	DEFB	\$A0,\$6B
DEE7	D6D0	3994	DEFB	\$D6,\$D0
DEE9	B3	3995	DEFB	\$B3
DEEA	C3	3996	DEFB	\$C3
DEEB	B2	3997	DEFB	\$B2
DEEC	A0A0	3998	DEFB	\$A0,\$A0
DEEE	A1D6	3999	DEFB	\$A1,\$D6
DEF0	D0B3	4000	DEFB	\$D0,\$B3
DEF2	C3	4001	DEFB	\$C3
DEF3	B3	4002	DEFB	\$B3
DEF4	A0A0	4003	DEFB	\$A0,\$A0
DEF6	DED6D0	4004	DEFB	\$DE,\$D6,\$D0
DEF9	B3	4005	DEFB	\$B3
DEFA	C3	4006	DEFB	\$C3
DEFB	B4A0	4007	DEFB	\$B4,\$A0
DEFD	A0E5	4008	DEFB	\$A0,\$E5
DEFF	D6D0	4009	DEFB	\$D6,\$D0
DF01	B3	4010	DEFB	\$B3
DF02	C3	4011	DEFB	\$C3
DF03	B5A0	4012	DEFB	\$B5,\$A0
DF05	A028	4013	DEFB	\$A0,\$28
DF07	D7	4014	DEFB	\$D7
DF08	D0B3	4015	DEFB	\$D0,\$B3
DF0A	C3	4016	DEFB	\$C3
DF0B	B6A0	4017	DEFB	\$B6,\$A0
DF0D	A05B	4018	DEFB	\$A0,\$5B
DF0F	D7	4019	DEFB	\$D7
DF10	D0B3	4020	DEFB	\$D0,\$B3
DF12	C3	4021	DEFB	\$C3
DF13	B7	4022	DEFB	\$B7
DF14	A0A0	4023	DEFB	\$A0,\$A0
DF16	92	4024	DEFB	\$92
DF17	D7	4025	DEFB	\$D7
DF18	D0B3	4026	DEFB	\$D0,\$B3
DF1A	C3	4027	DEFB	\$C3
DF1B	B8	4028	DEFB	\$B8
DF1C	A0A0	4029	DEFB	\$A0,\$A0
DF1E	BA	4030	DEFB	\$BA
DF1F	D7	4031	DEFB	\$D7
DF20	D0B3	4032	DEFB	\$D0,\$B3
DF22	C3	4033	DEFB	\$C3

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DF23	B9A0A0	4034	DEFB	\$B9,\$A0,\$A0
DF26	C1D7	4035	DEFB	\$C1,\$D7
DF28	D0B3	4036	DEFB	\$D0,\$B3
DF2A	C3	4037	DEFB	\$C3
DF2B	C1A0	4038	DEFB	\$C1,\$A0
DF2D	A00D	4039	DEFB	\$A0,\$0D
DF2F	D8	4040	DEFB	\$D8
DF30	D0B3	4041	DEFB	\$D0,\$B3
DF32	C3	4042	DEFB	\$C3
DF33	C2	4043	DEFB	\$C2
DF34	A0A0	4044	DEFB	\$A0,\$A0
DF36	11D8	4045	DEFB	\$11,\$D8
DF38	D0B3	4046	DEFB	\$D0,\$B3
DF3A	C3	4047	DEFB	\$C3
DF3B	C3	4048	DEFB	\$C3
DF3C	A0A0	4049	DEFB	\$A0,\$A0
DF3E	51D8	4050	DEFB	\$51,\$D8
DF40	D0B3	4051	DEFB	\$D0,\$B3
DF42	C3	4052	DEFB	\$C3
DF43	C4A0	4053	DEFB	\$C4,\$A0
DF45	A055	4054	DEFB	\$A0,\$55
DF47	D8	4055	DEFB	\$D8
DF48	D0B3	4056	DEFB	\$D0,\$B3
DF4A	C4C2	4057	DEFB	\$C4,\$C2
DF4C	CCA0F8	4058	DEFB	\$CC,\$A0,\$F8
DF4F	D1D0	4059	DEFB	\$D1,\$D0
DF51	B3	4060	DEFB	\$B3
DF52	C4C2	4061	DEFB	\$C4,\$C2
DF54	CCB200	4062	DEFB	\$CC,\$B2,\$00
DF57	D2	4063	DEFB	\$D2
DF58	D0B3	4064	DEFB	\$D0,\$B3
DF5A	C4C2	4065	DEFB	\$C4,\$C2
DF5C	CCB325	4066	DEFB	\$CC,\$B3,\$25
DF5F	D2	4067	DEFB	\$D2
DF60	D0B3	4068	DEFB	\$D0,\$B3
DF62	C4C2	4069	DEFB	\$C4,\$C2
DF64	CCB428	4070	DEFB	\$CC,\$B4,\$28
DF67	D2	4071	DEFB	\$D2
DF68	D0B3	4072	DEFB	\$D0,\$B3
DF6A	C4C2	4073	DEFB	\$C4,\$C2
DF6C	CCC120	4074	DEFB	\$CC,\$C1,\$20
DF6F	D2	4075	DEFB	\$D2
DF70	D0B3	4076	DEFB	\$D0,\$B3
DF72	C4C2	4077	DEFB	\$C4,\$C2
DF74	CCC20C	4078	DEFB	\$CC,\$C2,\$0C
DF77	D2	4079	DEFB	\$D2
DF78	D0B3	4080	DEFB	\$D0,\$B3
DF7A	C4D4	4081	DEFB	\$C4,\$D4
DF7C	C1A0	4082	DEFB	\$C1,\$A0
DF7E	D1D1	4083	DEFB	\$D1,\$D1
DF80	D0B3	4084	DEFB	\$D0,\$B3
DF82	C4D4	4085	DEFB	\$C4,\$D4
DF84	C1B2	4086	DEFB	\$C1,\$B2
DF86	D8	4087	DEFB	\$D8

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DF87	D1D0	4088	DEFB	\$D1,\$D0
DF89	B3	4089	DEFB	\$B3
DF8A	C4D4	4090	DEFB	\$C4,\$D4
DF8C	C1B3	4091	DEFB	\$C1,\$B3
DF8E	E9D1	4092	DEFB	\$E9,\$D1
DF90	D0B3	4093	DEFB	\$D0,\$B3
DF92	C5CE	4094	DEFB	\$C5,\$CE
DF94	C4A0	4095	DEFB	\$C4,\$A0
DF96	A5D1	4096	DEFB	\$A5,\$D1
DF98	D0B3	4097	DEFB	\$D0,\$B3
DF9A	C5CE	4098	DEFB	\$C5,\$CE
DF9C	C4B1	4099	DEFB	\$C4,\$B1
DF9E	A8	4100	DEFB	\$A8
DF9F	D1D0	4101	DEFB	\$D1,\$D0
DFA1	B3	4102	DEFB	\$B3
DFA2	C5D1	4103	DEFB	\$C5,\$D1
DFA4	D5A0	4104	DEFB	\$D5,\$A0
DFA6	9DD1D0	4105	DEFB	\$9D,\$D1,\$D0
DFA9	B3	4106	DEFB	\$B3
DFAA	C5D3	4107	DEFB	\$C5,\$D3
DFAC	D0A0	4108	DEFB	\$D0,\$A0
DFAE	93	4109	DEFB	\$93
DFAF	D1D0	4110	DEFB	\$D1,\$D0
DFB1	B3	4111	DEFB	\$B3
DFB2	CA	4112	DEFB	\$CA
DFB3	D4	4113	DEFB	\$D4
DFB4	C2	4114	DEFB	\$C2
DFB5	CC4DD1	4115	DEFB	\$CC,\$4D,\$D1
DFB8	D0B3	4116	DEFB	\$D0,\$B3
DFBA	CA	4117	DEFB	\$CA
DFBB	D5CE	4118	DEFB	\$D5,\$CE
DFBD	CB	4119	DEFB	\$CB
DFBE	2B	4120	DEFB	\$2B
DFBF	D1D0	4121	DEFB	\$D1,\$D0
DFC1	B3	4122	DEFB	\$B3
DFC2	CCCED4	4123	DEFB	\$CC,\$CE,\$D4
DFC5	C8	4124	DEFB	\$C8
DFC6	98	4125	DEFB	\$98
DFC7	01D0	4126	DEFB	\$01,\$D0
DFC9	B3	4127	DEFB	\$B3
DFCA	CF	4128	DEFB	\$CF
DFCB	D2	4129	DEFB	\$D2
DFCC	C7	4130	DEFB	\$C7
DFCD	A067	4131	DEFB	\$A0,\$67
DFCF	D1D0	4132	DEFB	\$D1,\$D0
DFD1	B3	4133	DEFB	\$B3
DFD2	CF	4134	DEFB	\$CF
DFD3	D2	4135	DEFB	\$D2
DFD4	C7	4136	DEFB	\$C7
DFD5	B2	4137	DEFB	\$B2
DFD6	7C	4138	DEFB	\$7C
DFD7	D1D0	4139	DEFB	\$D1,\$D0
DFD9	B3	4140	DEFB	\$B3
DFDA	CF	4141	DEFB	\$CF

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DFDB	D2	4142	DEFB	\$D2
DFDC	C7	4143	DEFB	\$C7
DFDD	B3	4144	DEFB	\$B3
DFDE	7F	4145	DEFB	\$7F
DFDF	D1D0	4146	DEFB	\$D1,\$D0
DFE1	B3	4147	DEFB	\$B3
DFE2	D0D2	4148	DEFB	\$D0,\$D2
DFE4	D4	4149	DEFB	\$D4
DFE5	A0E6	4150	DEFB	\$A0,\$E6
DFE7	D9D0B3	4151	DEFB	\$D9,\$D0,\$B3
DFEA	D0D3	4152	DEFB	\$D0,\$D3
DFEC	D4	4153	DEFB	\$D4
DFED	C2	4154	DEFB	\$C2
DFEE	33	4155	DEFB	\$33
DFEF	D1D0	4156	DEFB	\$D1,\$D0
DFF1	B3	4157	DEFB	\$B3
DFF2	D2	4158	DEFB	\$D2
DFF3	C5CD	4159	DEFB	\$C5,\$CD
DFF5	A0AE	4160	DEFB	\$A0,\$AE
DFF7	D1D0	4161	DEFB	\$D1,\$D0
DFF9	B3	4162	DEFB	\$B3
DFFA	D2	4163	DEFB	\$D2
DFFB	C5D3	4164	DEFB	\$C5,\$D3
DFFD	A0BB	4165	DEFB	\$A0,\$BB
DFFF	D1FF	4166	DEFB	\$D1,\$FF